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# HTML □ CSS

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# □□□□ API

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```
{
□"name": "core/paragraph",
□"...": "...",
□"supports": {
□□"typography": {
□□□"fontSize": true
□□}
□}
}
```

□□□□□□ `block.json` □□□□□□□□□□□□□□□□□□□□□□□□ UI □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ UI □□□□□□□□□□□□

`theme.json` □□□□ □□□□□□□□□□□ UI □□□□□□□□□□□□□□□□□□□□

```
□□</tr>
□</thead>
□<tbody>
□□<tr>
□□□<th>First</th>
□□</tr>
□□<tr>
□□□<th>Second</th>
□□</tr>
□</tbody>
□<tfoot>
□□<tr>
□□□<th>Footer</th>
□□</tr>
□</tfoot>
</table>
```

1. □□□□□□□□□□□□□□□□

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```
□□□"fontSize": true,
□□□"__experimentalSkipSerialization": true
□□}
□}
}
```

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HTML □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ `edit` □ `save` □ `render_callback`
□□□□□□□□□□□□□□□ WordPress □□□□□□□□□□□□□□□□□□□□□□ □□□ □

□□□□□□□□□□□□□□□□□□□□□□□□□□□□ `__experimentalSkipSerialization` □□□□□□□□□□
□□ □□□□□□□□□□□□□□□ `typography` □□□ □□ □□□□□□□□□□□□□ `fontSize` □
`lineHeight` □ `fontFamily` □□□

□□□□ □□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ `fontSize`
□□□□□□□□□ `typography` □□□□□□□□□□□ `lineHeight` □ `fontFamily` □□□□□□□□□

```
{
□"name": "core/paragraph",
□"...": "...",
□"supports": {
□□"typography": {
□□□"fontSize": true,
□□□"lineHeight": true,
□□□"__experimentalSkipSerialization": [ "fontSize" ]
□□}
□}
}
```

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1. □□□□□ WordPress □□□ `theme.json` □□ □□□□□□ `theme.json` □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
2. □□□□□□□□□□□□ WordPress □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
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# □□□

□□□□□□□□□□□ WordPress □□□□□□□□□□□□□□□□□□□□□□□□ `theme.json` □□ □

□□ WordPress □□□□□□□□□□□□□□ `theme.json` □□□□□□□□□□□□□□□□□□□□

```
□□},
□□"typography": {
□□□"fontSize": "<WordPress value>"
□□}
□}
}
```

```
{
□"styles": {
□□"typography": {
□□□"fontSize": "<theme value>",
□□□"lineHeight": "<theme value>"
□□}
□}
}
```

```
{
□"styles": {
□□"typography": {
□□□"lineHeight": "<user value>"
□□}
□}
}
```

The result after the consolidation would be:

```
{
□"styles": {
□□"color": {
□□□"background": "<WordPress value>"
□□},
□□"typography": {
□□□"fontSize": "<theme value>",
□□□"lineHeight": "<user value>"
□□}
□}
}
```

# Settings

The `settings` section works differently than styles. Most of the settings are only used to configure the editor and have no effect on the global styles. Only a few of them are part of the resulting stylesheet: the presets.

Presets are the predefined styles that are shown to the user in different parts of the UI: the color palette or the font sizes, for example. They comprise the following settings: `color.duotone`, `color.gradients`, `color.palette`, `typography.fontFamilies`, `typography.fontSizes`. Unlike `styles`, presets from an origin don't override values from other origins. Instead, all of them are stored in the consolidated structure.

For example, if we have the following `theme.json` structures coming from WordPress, the theme, and the user respectively:

```
{
	"settings": {
		"color": {
			"palette": [ "<WordPress values>" ],
			"gradients": [ "<WordPress values>" ]
		}
	}
}
```

```
{
	"settings": {
		"color": {
			"palette": [ "<theme values>" ]
		},
		"typography": {
			"fontFamilies": [ "<theme values>" ]
		}
	}
}
```

```
{
	"settings": {
		"color": {
			"palette": [ "<user values>" ]
		}
	}
}
```

The result after the consolidation would be:

```
{
  "settings": {
    "color": {
      "palette": {
        "default": [ "<WordPress values>" ],
        "theme": [ "<theme values>" ],
        "user": [ "<user values>" ]
      },
      "gradients": {
        "default": [ "<WordPress values>" ]
      }
    },
    "typography": {
      "fontFamilies": {
        "theme": [ "<theme values>" ]
      }
    }
  }
}
```

# From data to styles

The last phase of generating the stylesheet is converting the consolidated data into CSS style rules.

## Styles to CSS rules

The `styles` section can be thought of as a structured representation of CSS rules, each chunk representing a CSS rule:

- A key/value in theme.json maps to a CSS declaration (`property: value`).
- The CSS selector for a given chunk is generated based on its semantics:
  - The top-level section uses the `body` selector.
  - The top-level elements use an ID selector matching the HTML element they represent (for example, `h1` or `a`).
  - Blocks use the default class name they generate (`core/group` becomes `.wp-block-group`) unless they explicitly set a different one using their `block.json` (`core/paragraph` becomes `p`). See the "Current limits" section for more about this.
  - Elements within a block use the concatenation of the block and element selector.

For example, the following `theme.json` structure:

```
{
  "styles": {
    "typography": {
      "fontSize": "<top-level value>"
    },
    "elements": {
      "h1": {
        "typography": {
          "fontSize": "<h1 value>"
        }
      }
    },
    "blocks": {
      "core/paragraph": {
        "color": {
          "text": "<paragraph value>"
        }
      },
      "core/group": {
        "color": {
          "text": "<group value>"
        },
        "elements": {
          "h1": {
            "color": {
              "text": "<h1 within group value>"
            }
          }
        }
      }
    }
  }
}
```

is converted to the following CSS:

```
body {
  font-size: <top-level value>;
}
h1 {
```

```
font-size: <h1 value>;
}
p {
color: <paragraph value>;
}
.wp-block-group {
color: <group value>;
}
.wp-block-group h1 {
color: <h1 within group value>;
}
```

## □□□□ CSS □□

□ `settings` □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ CSS □□□□□□ `--wp--preset--<category>-<slug>` □□□□□□□□□□□□□□□□□□□□□□□□

□□□□□ theme.json

```
{
"settings": {
"color": {
"palette": {
"default": [
{
"slug": "vivid-red",
"value": "#cf2e2e",
"name": "Vivid Red"
}
],
"theme": [
{
"slug": "foreground",
"value": "#000",
"name": "Foreground"
}
]
}
},
"blocks": {
"core/site-title": {
```

```
□□□□"color": {
□□□□□"palette": {
□□□□□□"theme": [
□□□□□□□{
□□□□□□□□"slug": "foreground",
□□□□□□□□"value": "#1a4548",
□□□□□□□□"name": "Foreground"
□□□□□□□}
□□□□□□]
□□□□□}
□□□□}
□□}
□}
}
```

□□□□□□□ CSS □□□□□

```
body {
  --wp--preset--color--vivid-red: #cf2e2e;
  --wp--preset--color--foreground: #000;
}

.wp-block-site-title {
  --wp--preset--color--foreground: #1a4548;
}
```

□□ CSS □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ CSS □□□□□□□□□□□□□□□ CSS □□

```
/* vivid-red */
.has-vivid-red-color { color: var(--wp--preset--color--vivid-red) !important; }
.has-vivid-red-background-color { background-color: var(--wp--preset--color--vivid-red)
!important; }
.has-vivid-red-border-color { border-color: var(--wp--preset--color--vivid-red) !important; }

/* foreground */
.has-foreground-color { color: var(--wp--preset--color--foreground) !important; }
.has-foreground-background-color { background-color: var(--wp--preset--color--foreground)
!important; }
```

```
.has-foreground-border-color { border-color: var(--wp--preset--color--foreground) !important;
}

/* □□□□□□ foreground */
.wp-block-site-title .has-foreground-color { color: var(--wp--preset--color--foreground)
!important; }
.wp-block-site-title .has-foreground-background-color { background-color: var(--wp--preset--
color--foreground) !important; }
.wp-block-site-title .has-foreground-border-color { border-color: var(--wp--preset--color--
foreground) !important; }
```

# Global Styles API □□□□

## 1. □□□□□□□ **CSS** □□□□□□□□□□

□□□□□□□□□□□□□□□□ `.wp-block-<block-name>`
□□□□□□□□□□□□□□□□□□□□□□□□□□□□ `block.json` □□ `__experimentalSelector`
□□□□□□ CSS □□□□

□□□□□□□□□□□□□□□□□□ `block.json`
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ CSS □□□□

## 2. □□□□□□□□□□□□ **HTML** □□

□□□□□□□□□□□□□□□

□□□□□□ `__experimentalSkipSerialization`
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ “□□□□□□□□□ ”□

## 3. □□□□□□□□□□

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□□□ #2
□ □□□ □□□ 2026-03-26 17:08:43 UTC
□ □□□ □□□ 2026-03-26 17:08:43 UTC