# Window: innerHeight property


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The read-only **`innerHeight`** property of the Window interface returns the interior height of the window in pixels, including the height of the horizontal scroll bar, if present.

The value of `innerHeight` is taken from the height of the window's layout viewport. The width can be obtained using the innerWidth property.

## Value

An integer value indicating the window's layout viewport height in pixels. The property is read only and has no default value.

To change the height of the window, call one of its resize methods, such as resizeTo() or resizeBy().

# Usage notes

To obtain the height of the window minus its horizontal scroll bar and any borders, use the root html element's clientHeight property instead.

Both `innerHeight` and `innerWidth` are available on any window or any object that behaves like a window, such as a tab or frame.

# Examples

## Assuming a frameset

```
console.log(window.innerHeight); // or

console.log(self.innerHeight);
// will log the height of the frame viewport within the frameset

console.log(parent.innerHeight);
// will log the height of the viewport of the closest frameset

console.log(top.innerHeight);
// will log the height of the viewport of the outermost frameset
```

To change the size of a window, see window.resizeBy() and window.resizeTo().

To get the outer height of a window, i.e., the height of the whole browser window, see window.outerHeight.

## Graphical example

The following figure shows the difference between `outerHeight` and `innerHeight`.

innerHeight vs. outerHeight illustration

# Demo

## HTML

```
<p>Resize the browser window to fire the <code>resize</code> event.</p>
<p>Window height: <span id="height"></span></p>
<p>Window width: <span id="width"></span></p>
```

## JavaScript

```
const heightOutput = document.querySelector("#height");
const widthOutput = document.querySelector("#width");

function updateSize() {
  heightOutput.textContent = window.innerHeight;
  widthOutput.textContent = window.innerWidth;
}

updateSize();
window.addEventListener("resize", updateSize);
```

## Result

You can also Demo.

# Specifications

# Browser compatibility

# See also

- window.innerWidth
- window.outerHeight
- window.outerWidth

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