

JS & DOM Reference

Overview

JavaScript Objects

- JS Array
- JS Boolean
- JS Date
- JS Math
- JS Number
- JS String
- JS RegExp
- JS Global

Browser Objects

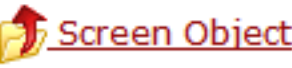
- Window
- Navigator
- Screen
- History
- Location

HTML DOM Objects

- DOM Document
- DOM Events
- DOM Elements

- DOM Anchor
- DOM Area
- DOM Base
- DOM Body
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- DOM Form
- DOM Frame/IFrame
- DOM Frameset
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- DOM Input Checkbox
- DOM Input File
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- DOM Textarea

Screen colorDepth Property



Definition and Usage

The colorDepth property returns the bit depth of the color palette for displaying images (in bits per pixel).

Syntax

screen.colorDepth

Browser Support



The colorDepth property is supported in all major browsers.

Examples

Example 1

Return the bit depth of the color palette:

```
<script type="text/javascript">

document.write("Color Depth: " + screen.colorDepth);

</script>
```

The output of the code above will be:

Color Depth: 24

Try it yourself »

Example 2

Display an alternate background color for 8 bit screens (to avoid that 8 bit screens, which do not support the modern color, uses an ugly substitute color instead):

```
<script type="text/javascript">

if (screen.colorDepth<=8)
  //simple blue background color for 8 bit screens
  document.body.style.background="#0000FF"
else
  //fancy blue background color for modern screens
  document.body.style.background="#87CEFA"

</script>
```

Try it yourself »

More Examples

[All screen properties in one example](#)



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