

Converting Colors

Hex(83380D)

Have a look what the booklet for
Hex(83380D) contains.

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Color

Hex(83380D)

Conversions

Conversions Part 1

Format	Color
Hex	83380D
RGB	131, 56, 13
RGB Percent	51%, 22%, 5%
CMY	0.4863, 0.7804, 0.9490
CMYK	0.00, 0.57, 0.90, 0.49
HSL	22°, 82%, 28%
HSV	22°, 90%, 51%
XYZ	10.8469, 7.6827, 1.2920
YIQ	73.5230, 58.5030, 2.5270

Conversions

Conversions Part 2

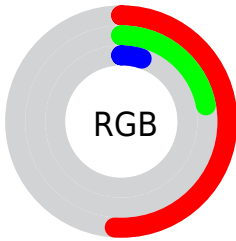
Format	Color
R_{YB}	131, 81, 13
Decimal	8599565
CIE Lab	33.31, 29.97, 39.41
CIE LCh	33, 49.507, 52.745
Yxy	7.6827, 0.5472, 0.3876
Android (android.graphics.Color)	4286789645 (0xFF83380D)
YUV	73.5230, -29.8378, 50.4073
Hunter-Lab	27.7177, 21.3473, 16.6387

Details

The Hex color **83380D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D5883**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BE693C**, and **4A0700** is the 20% darker color. If you saturate the color by 10%, you get **833000**, and if you desaturate by 10%, it is **83401A**.

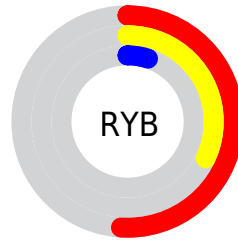
Distribution



Red (51%)

Green (22%)

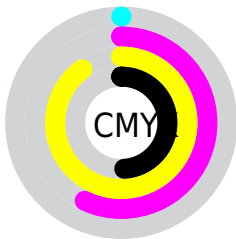
Blue (5%)



Red (51%)

Yellow (32%)

Blue (5%)

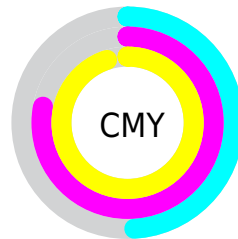


Cyan (0%)

Magenta (57%)

Yellow (90%)

Black (49%)



Cyan (49%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83380D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 83380D by changing the saturation by 10% instead.

 83380D

 83380D

 FFFFF6

 672000

 BE693C

 4A0700

 DC8354

 300000

 FA9D6D

 030000

 FFB887

 000000

 FFD4A2

 FFF1BD

 FFFFD9

 83380D

 83380D

■ 833000

■ 83401A

■ 834927

■ 835134

■ 835941

■ 83624E

■ 836A5C

■ 837269

■ 837B76

■ 838383

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



922533



83380D



684900

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83380D



005F43



364897

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83380D



0D5883

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00569D



83380D



00606C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83380D



005C1A



005D8C



73347E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83380D



505200



005D8C



004E9B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83380D



AB8E7D



830D5A



57453B



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83380D



AB3E00



83710D



423E3C



822F00



030100

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0D5883



006DAB



0D1F83



3C4042



005382



000203

Previews

White Background



This preview shows how the Hex color 83380D looks on a white background.

Color Contrast Check

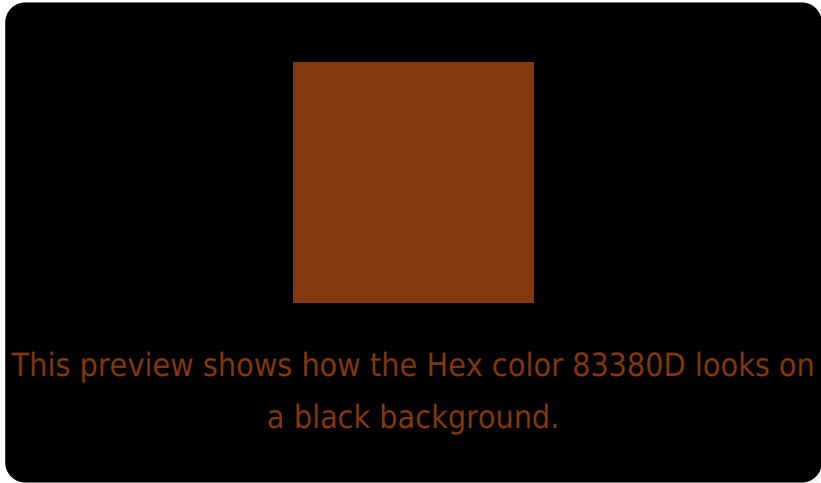
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 83380D Background



This preview shows how black text looks on a background with the Hex color 83380D.



This preview shows how white text looks on a background with the Hex color 83380D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
83380D

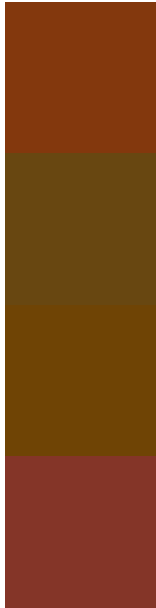
Protanopia
594F13

Deuteranopia
644B00



Tritanopia
843438

Trichromacy



Original Color
83380D

Protanomaly
684711

Deuteranomaly
6F4405

Tritanomaly
843528

Monochromacy



Original Color
83380D

Achromatopsia
4A4A4A

Achromatomaly
5F4334

CSS Examples

Text

The CSS property to change the color of the text to Hex 83380D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #83380D looks like.

```
.text, #text, p{  
    color:#83380D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #83380D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83380D } }
```

Border

The CSS property to change the border of an element to Hex 83380D is called "border". The border property can be set on classes, ids or directly on the HTML element.

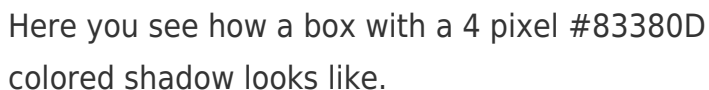
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #83380D } }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#83380D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #83380D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83380D; -webkit-box-shadow:4px 4px  
4px 4px #83380D; box-shadow:4px 4px 4px  
4px #83380D }
```

Background

The CSS property to change the background color of an element to Hex 83380D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83380D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#83380D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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