

Converting Colors

Hex(38330D)

Have a look what the booklet for
Hex(38330D) contains.

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Color

Hex(38330D)

Conversions

Conversions Part 1

Format	Color
Hex	38330D
RGB	56, 51, 13
RGB Percent	22%, 20%, 5%
CMY	0.7804, 0.8000, 0.9490
CMYK	0.00, 0.09, 0.77, 0.78
HSL	53°, 62%, 14%
HSV	53°, 77%, 22%
XYZ	2.8874, 3.2375, 0.8535
YIQ	48.1630, 15.1780, -10.7580

Conversions

Conversions Part 2

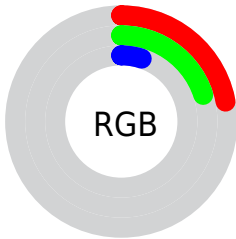
Format	Color
R_{YB}	19, 56, 13
Decimal	3683085
CIE Lab	20.97, -3.35, 23.95
CIE LCh	21, 24.181, 97.952
Yxy	3.2375, 0.4138, 0.4639
Android (android.graphics.Color)	4281873165 (0xFF38330D)
YUV	48.1630, -17.3354, 6.8730
Hunter-Lab	17.9930, -2.8435, 9.7827

Details

The Hex color **38330D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D1238**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **696139**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **383207**, and if you desaturate by 10%, it is **383413**.

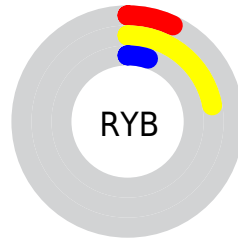
Distribution



Red (22%)

Green (20%)

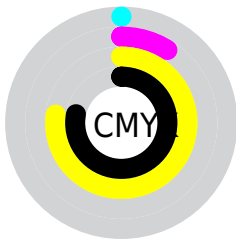
Blue (5%)



Red (7%)

Yellow (22%)

Blue (5%)

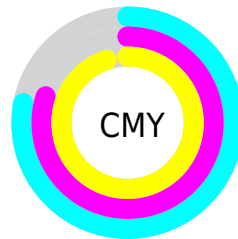


Cyan (0%)

Magenta (9%)

Yellow (77%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38330D 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 38330D by changing the saturation by 10% instead.

 38330D

 38330D

 FFFFEF

 221E00

 696139

 000600

 827A50

 000000

 9D9469

 B8AE82

 D4C99C

 F1E6B7

 FFFFD3

 38330D

 38330D

■ 383207

■ 383413

■ 383202

■ 383418

■ 383100

■ 38351E

■ 383623

■ 383629

■ 38372F

■ 383834

■ 38383A

■ 38393F

Harmonies

Analogous

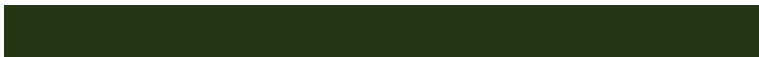
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



472D11



38330D



253815

Triad

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



38330D



003B48



4C2540

Complementary

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



38330D



0D1238

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.



3A2C4F



38330D



003853

Square

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



38330D



003B37



1A3356



53232E

Rectangle

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



38330D



153A1F



1A3356



472746

Sweetspot

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



38330D



4A4839



380D12



26251C



A6A6A6



262626

Same Dimension

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



38330D



4A4206



28380D



1C1C19



5C5100



DBC200

Inverse Universe

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



0D1238



060E4A



1D0D38



191A1C



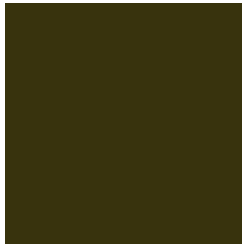
000B5C



0019DB

Previews

White Background



This preview shows how the Hex color 38330D looks on a white background.

Color Contrast Check

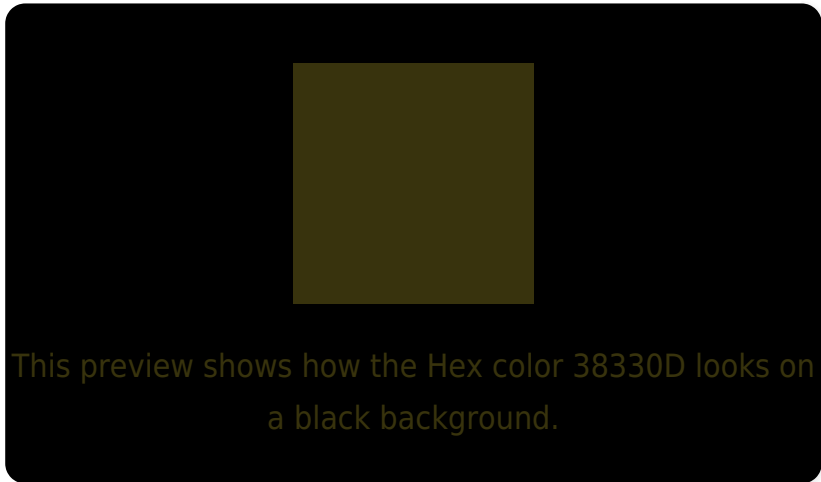
Large Text (above 18pt) WCAG AA ✓ Pass

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

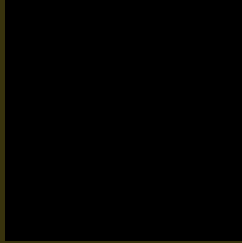
Any Text WCAG AA × Fail

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 38330D Background



This preview shows how black text looks on a background with the Hex color 38330D.

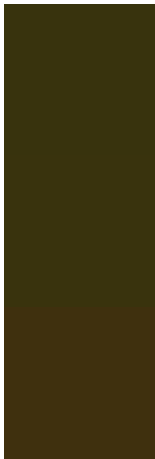


This preview shows how white text looks on a background with the Hex color 38330D.

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
38330D

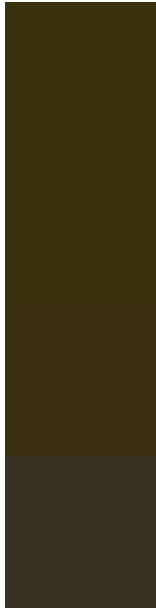
Protanopia
39330D

Deuteranopia
3F300E



Tritanopia
3B3033

Trichromacy



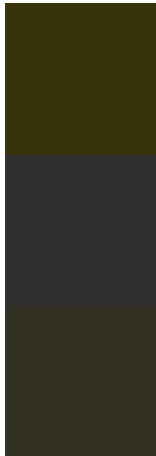
Original Color
38330D

Protanomaly
39330D

Deuteranomaly
3C310E

Tritanomaly
3A3125

Monochromacy



Original Color
38330D

Achromatopsia
303030

Achromatomaly
333123

CSS Examples

Text

The CSS property to change the color of the text to Hex 38330D 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 #38330D looks like.

```
.text, #text, p{  
    color:#38330D  
}
```

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 #38330D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38330D
}
```

Border

The CSS property to change the border of an element to Hex 38330D is called "border". The border property can be set on classes, ids or directly on the HTML element.

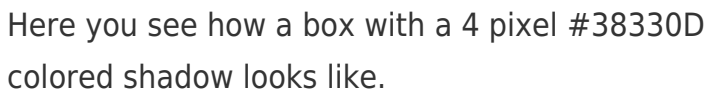
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38330D }
```

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

```
.border{ border-color:#38330D }
```

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



Here you see how a box with a 4 pixel #38330D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38330D; -webkit-box-shadow:4px 4px  
4px 4px #38330D; box-shadow:4px 4px 4px  
4px #38330D }
```

Background

The CSS property to change the background color of an element to Hex 38330D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38330D }
```

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

```
.background{ background-color:#38330D }
```

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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