

# Converting Colors

Hex(38120C)

Have a look what the booklet for  
Hex(38120C) contains.

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**Color**

**Hex(38120C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38120C
RGB	56, 18, 12
RGB Percent	22%, 7%, 5%
CMY	0.7804, 0.9294, 0.9529
CMYK	0.00, 0.68, 0.79, 0.78
HSL	8°, 65%, 13%
HSV	8°, 79%, 22%
XYZ	1.9136, 1.2999, 0.4979
YIQ	28.6780, 24.5740, 6.1900

# Conversions

## Conversions Part 2

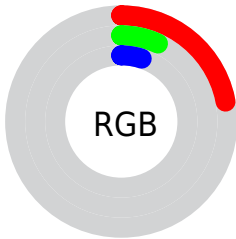
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 19, 12
Decimal	3674636
CIE Lab	11.27, 18.46, 12.32
CIE LCh	11, 22.189, 33.720
Yxy	1.2999, 0.5156, 0.3503
Android (android.graphics.Color)	4281864716 (0xFF38120C)
YUV	28.6780, -8.2223, 23.9614
Hunter-Lab	11.4014, 10.0063, 5.3919

# Details

The Hex color **38120C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C3238**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6A3E37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **380D06**, and if you desaturate by 10%, it is **381712**.

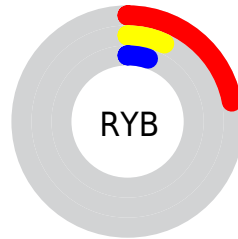
# Distribution



Red (22%)

Green (7%)

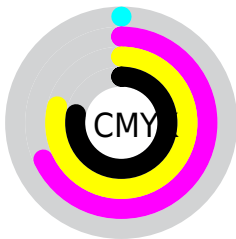
Blue (5%)



Red (22%)

Yellow (7%)

Blue (5%)

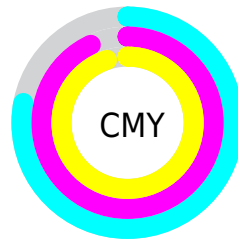


Cyan (0%)

Magenta (68%)

Yellow (79%)

Black (78%)



Cyan (78%)

Magenta (93%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38120C 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 38120C by changing the saturation by 10% instead.



 38120C

 38120C

 FFF5EC

 230000

 6A3E37

 000000

 84554E

 9F6E66

 BB887F

 D7A299

 F4BDB4

 FFD9CF

 38120C

 38120C

■ 380D06

■ 381712

■ 380801

■ 381C17

■ 380800

■ 38211D

■ 382522

■ 382A28

■ 382F2E

■ 383433

■ 383939

■ 383E3E

# Harmonies

## Analogous

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



390F1D



38120C



311800

# Triad

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



38120C



00240F



001F3C

# Complementary

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



38120C



0C3238

# 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.



002339



38120C



002520

# Square

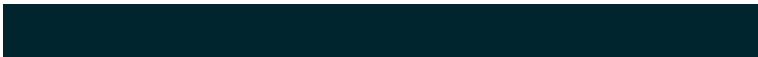
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38120C



172200



00252E



211937

# Rectangle

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



38120C



291C00



00252E



00213C



# Sweetspot

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



38120C



4A3B38



380C32



261D1B



A6A6A6



262626



# Same Dimension

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



38120C



4A0E04



38280C



1C1A19



5C0D00



DB1E00



# Inverse Universe

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



0C3238



04404A



0C1C38



191C1C



004F5C

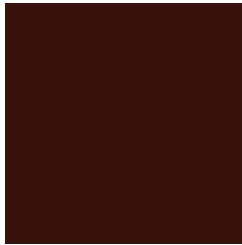


00BDDB



# Previews

## White Background



This preview shows how the Hex color 38120C 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

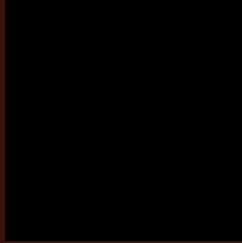
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38120C Background



This preview shows how black text looks on a background with the Hex color 38120C.

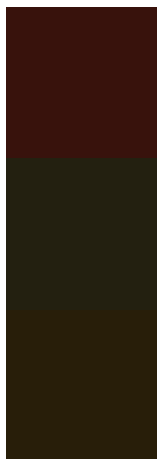


This preview shows how white text looks on a background with the Hex color 38120C.

# 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**  
38120C

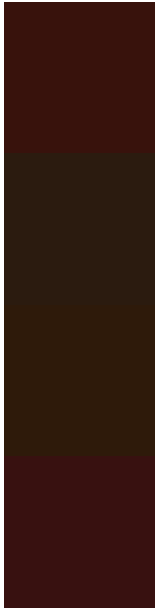
**Protanopia**  
232010

**Deuteranopia**  
281E09



**Tritanopia**  
381112

# Trichromacy



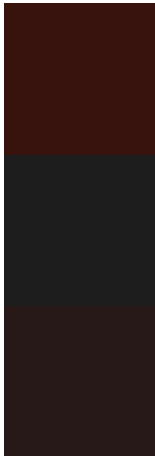
**Original Color**  
38120C

**Protanomaly**  
2B1B0F

**Deuteranomaly**  
2E1A0A

**Tritanomaly**  
381110

# Monochromacy



**Original Color**  
38120C

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
271917

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38120C 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 #38120C looks like.

```
.text, #text, p{  
    color:#38120C  
}
```

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 #38120C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38120C
}
```

## Border

The CSS property to change the border of an element to Hex 38120C is called "border". The border property can be set on classes, ids or directly on the HTML element.

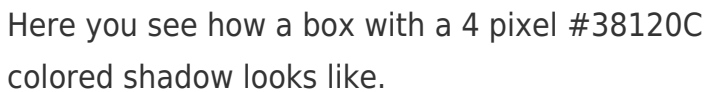
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38120C }
```

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

```
.border{ border-color:#38120C }
```

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



Here you see how a box with a 4 pixel #38120C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38120C; -webkit-box-shadow:4px 4px  
4px 4px #38120C; box-shadow:4px 4px 4px  
4px #38120C }
```

# Background

The CSS property to change the background color of an element to Hex 38120C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38120C }
```

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

```
.background{ background-color:#38120C }
```

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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