

# Converting Colors

Hex(38190F)

Have a look what the booklet for  
Hex(38190F) contains.

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**Color**

**Hex(38190F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38190F
RGB	56, 25, 15
RGB Percent	22%, 10%, 6%
CMY	0.7804, 0.9020, 0.9412
CMYK	0.00, 0.55, 0.73, 0.78
HSL	15°, 58%, 14%
HSV	15°, 73%, 22%
XYZ	2.0647, 1.5705, 0.6463
YIQ	33.1290, 21.6860, 3.4620

# Conversions

## Conversions Part 2

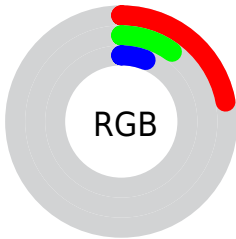
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 28, 15
Decimal	3676431
CIE Lab	13.05, 14.30, 13.26
CIE LCh	13, 19.498, 42.831
Yxy	1.5705, 0.4822, 0.3668
Android (android.graphics.Color)	4281866511 (0xFF38190F)
YUV	33.1290, -8.9376, 20.0579
Hunter-Lab	12.5320, 7.4783, 5.7149

# Details

The Hex color **38190F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F2E38**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **69453A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **381509**, and if you desaturate by 10%, it is **381D15**.

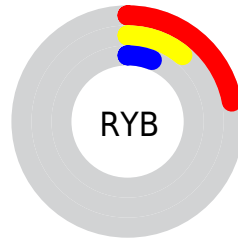
# Distribution



Red (22%)

Green (10%)

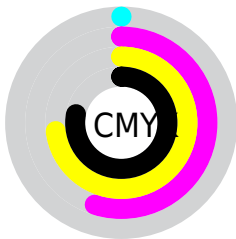
Blue (6%)



Red (22%)

Yellow (11%)

Blue (6%)

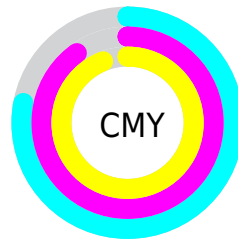


Cyan (0%)

Magenta (55%)

Yellow (73%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38190F 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 38190F by changing the saturation by 10% instead.



 38190F

 38190F

 FFFDEF

 230000

 69453A

 000000

 835C50

 9E7569

 BA8F82

 D6A99C

 F3C5B7

 FFE1D2

 38190F

 38190F

■ 381509

■ 381D15

■ 381104

■ 38211A

■ 380E00

■ 382620

■ 382A25

■ 382E2B

■ 383231

■ 383736

■ 383B3C

■ 383F41

# Harmonies

## Analogous

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



3B161C



38190F



301E02

# Triad

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



38190F



002819



14213C

# Complementary

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



38190F



0F2E38

# 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.



00253B



38190F



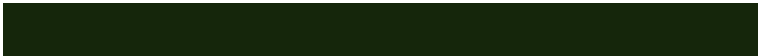
002827

# Square

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



38190F



15260B



002834



2A1C36

# Rectangle

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



38190F



292100



002834



08233D



# Sweetspot

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



38190F



4A3E3A



380F2E



261F1C



A6A6A6



262626



# Same Dimension

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



38190F



4A1909



382D0F



1C1A19



5C1600



DB3500



# Inverse Universe

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



0F2E38



093A4A



0F1A38



191B1C



00455C

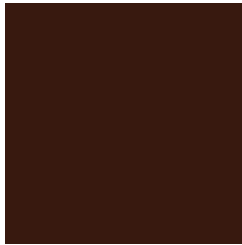


00A6DB



# Previews

## White Background



This preview shows how the Hex color 38190F looks on a white background.

## Color Contrast Check

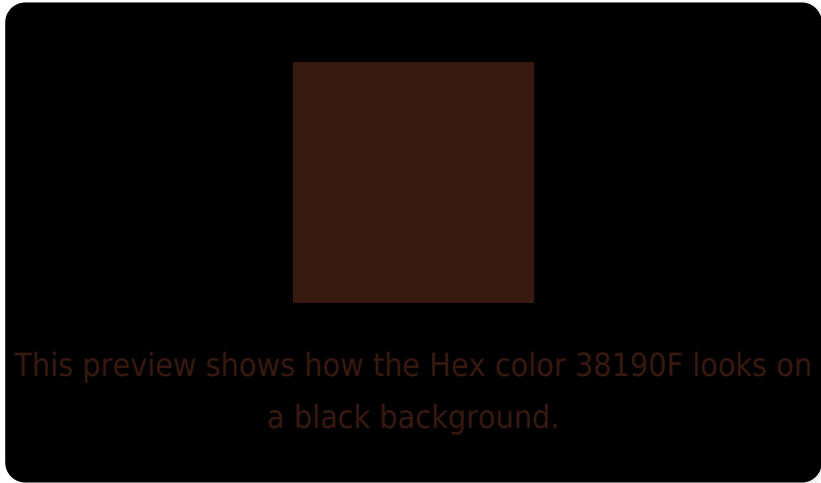
Large Text (above 18pt) WCAG AA ✓ Pass

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 38190F Background



This preview shows how black text looks on a background with the Hex color 38190F.

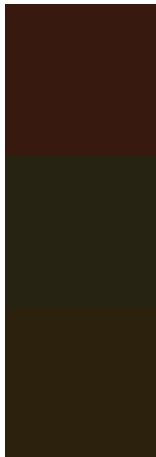


This preview shows how white text looks on a background with the Hex color 38190F.

# 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**  
38190F

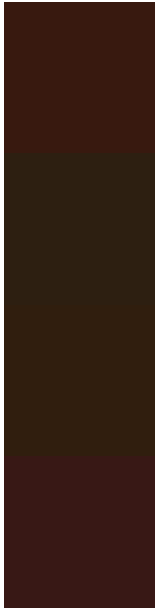
**Protanopia**  
262312

**Deuteranopia**  
2B210D



**Tritanopia**  
381819

# Trichromacy



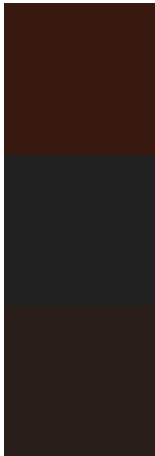
**Original Color**  
38190F

**Protanomaly**  
2D1F11

**Deuteranomaly**  
301E0E

**Tritanomaly**  
381815

# Monochromacy



**Original Color**  
38190F

**Achromatopsia**  
212121

**Achromatomaly**  
291E1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38190F 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 #38190F looks like.

```
.text, #text, p{  
    color:#38190F  
}
```

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 #38190F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38190F
}
```

## Border

The CSS property to change the border of an element to Hex 38190F is called "border". The border property can be set on classes, ids or directly on the HTML element.

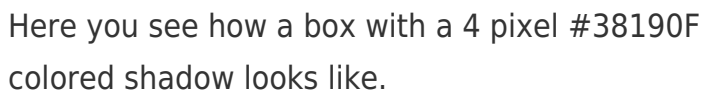
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38190F }
```

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

```
.border{ border-color:#38190F }
```

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



Here you see how a box with a 4 pixel #38190F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38190F; -webkit-box-shadow:4px 4px  
4px 4px #38190F; box-shadow:4px 4px 4px  
4px #38190F }
```

# Background

The CSS property to change the background color of an element to Hex 38190F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38190F }
```

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

```
.background{ background-color:#38190F }
```

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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