

# Converting Colors

Hex(5F380A)

Have a look what the booklet for  
Hex(5F380A) contains.

<b>Hex(5F380A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5F380A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F380A
RGB	95, 56, 10
RGB Percent	37%, 22%, 4%
CMY	0.6275, 0.7804, 0.9608
CMYK	0.00, 0.41, 0.89, 0.63
HSL	32°, 81%, 21%
HSV	32°, 89%, 37%
XYZ	6.1883, 5.2832, 0.9808
YIQ	62.4170, 38.0100, -6.0380

# Conversions

## Conversions Part 2

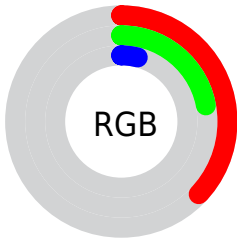
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 95, 10
Decimal	6240266
CIELab	27.53, 13.53, 33.43
CIELCh	28, 36.068, 67.964
Yxy	5.2832, 0.4970, 0.4243
Android (android.graphics.Color)	4284430346 (0xFF5F380A)
YUV	62.4170, -25.8416, 28.5753
Hunter-Lab	22.9851, 7.8335, 13.5597

# Details

The Hex color **5F380A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A315F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **956738**, and **2B0E00** is the 20% darker color. If you saturate the color by 10%, you get **5F3400**, and if you desaturate by 10%, it is **5F3C13**.

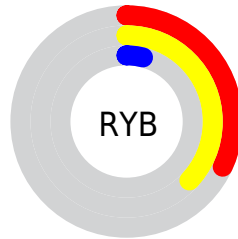
# Distribution



Red (37%)

Green (22%)

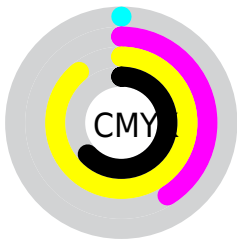
Blue (4%)



Red (32%)

Yellow (37%)

Blue (4%)

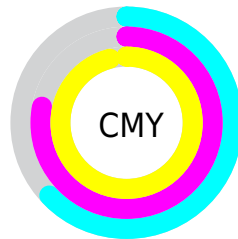


Cyan (0%)

Magenta (41%)

Yellow (89%)

Black (63%)



Cyan (63%)

Magenta (78%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F380A 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 5F380A by changing the saturation by 10% instead.



 5F380A

 5F380A

 FFFFF0

 452200

 956738

 2B0E00

 B28050

 070000

 CE9A69

 000000

 ECB582

 FFD19D

 FFEDB8

 FFFFD4

 5F380A

 5F380A

■ 5F3400

■ 5F3C13

■ 5F3300

■ 5F411D

■ 5F4526

■ 5F4930

■ 5F4E39

■ 5F5243

■ 5F574C

■ 5F5B56

■ 5F5F5F

# Harmonies

## Analogous

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



6E2C20



5F380A



484202

# Triad

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



5F380A



004E48



4B366D

# Complementary

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



5F380A



0A315F

# 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.



094278



5F380A



004D62

# Square

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



5F380A



004D2B



004974



682A56

# Rectangle

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



5F380A



35470A



004974



3D3A72



# Sweetspot

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



5F380A



7A6B59



5F0A32



3D342A



BDBDBD



3D3D3D



# Same Dimension

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



5F380A



7A4200



5C5F0A



302E2C



703D00



F08200



# Inverse Universe

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



0A315F



00387A



0D0A5F



2C2E30



003370

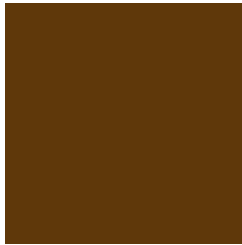


006EF0



# Previews

## White Background



This preview shows how the Hex color 5F380A 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 5F380A Background



This preview shows how black text looks on a background with the Hex color 5F380A.



This preview shows how white text looks on a background with the Hex color 5F380A.

# 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**  
5F380A

**Protanopia**  
4A420D

**Deuteranopia**  
533E00



**Tritanopia**  
613438

# Trichromacy



**Original Color**  
5F380A

**Protanomaly**  
523E0C

**Deuteranomaly**  
573C04

**Tritanomaly**  
603527

# Monochromacy



**Original Color**  
5F380A

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4A3C2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F380A 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 #5F380A looks like.

```
.text, #text, p{  
    color:#5F380A  
}
```

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 #5F380A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F380A
}
```

## Border

The CSS property to change the border of an element to Hex 5F380A 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".

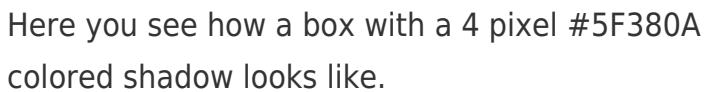
```
.border, #border, table{ border:4px solid
#5F380A }
```

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

```
.border{ border-color:#5F380A }
```

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

Here you see how a box with a 4 pixel #5F380A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F380A; -webkit-box-shadow:4px 4px  
4px 4px #5F380A; box-shadow:4px 4px 4px  
4px #5F380A }
```

# Background

The CSS property to change the background color of an element to Hex 5F380A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F380A }
```

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

```
.background{ background-color:#5F380A }
```

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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