

# Converting Colors

Hex(5C2111)

Have a look what the booklet for  
Hex(5C2111) contains.

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**Color**

**Hex(5C2111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C2111
RGB	92, 33, 17
RGB Percent	36%, 13%, 7%
CMY	0.6392, 0.8706, 0.9333
CMYK	0.00, 0.64, 0.82, 0.64
HSL	13°, 69%, 21%
HSV	13°, 82%, 36%
XYZ	5.0587, 3.4035, 0.9206
YIQ	48.8170, 40.3000, 7.5320

# Conversions

## Conversions Part 2

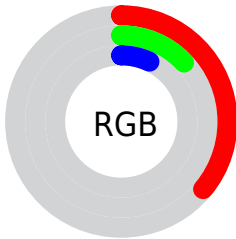
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 37, 17
Decimal	6037777
CIELab	21.59, 26.04, 24.06
CIElCh	22, 35.454, 42.736
Yxy	3.4035, 0.5391, 0.3627
Android (android.graphics.Color)	4284227857 (0xFF5C2111)
YUV	48.8170, -15.6858, 37.8715
Hunter-Lab	18.4486, 16.6604, 9.9553

# Details

The Hex color **5C2111** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **114C5C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **93503C**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5C1A08**, and if you desaturate by 10%, it is **5C281A**.

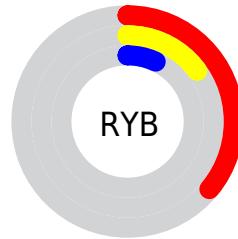
# Distribution



Red (36%)

Green (13%)

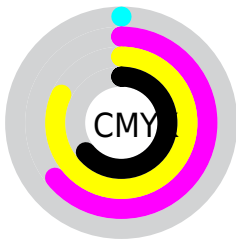
Blue (7%)



Red (36%)

Yellow (15%)

Blue (7%)

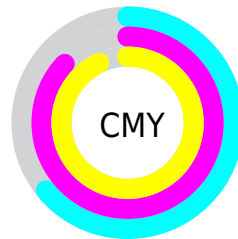


Cyan (0%)

Magenta (64%)

Yellow (82%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2111 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 5C2111 by changing the saturation by 10% instead.



 5C2111

 5C2111

 FFFFF2

 420900

 93503C

 2A0000

 AF6953

 000000

 CC826C

 EA9D85

 FFB89F

 FFD3BA

 FFF0D6

 5C2111

 5C2111

■ 5C1A08

■ 5C281A

■ 5C1400

■ 5C2F23

■ 5C372D

■ 5C3E36

■ 5C453F

■ 5C4C48

■ 5C5451

■ 5C5B5B

■ 5C6264

# Harmonies

## Analogous

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



62182A



5C2111



4C2D00

# Triad

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



5C2111



003F23



063367

# Complementary

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



5C2111



114C5C

# 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.



003B66



5C2111



00403F

# Square

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



5C2111



173C08



003F57



43275B

# Rectangle

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



5C2111



3E3300



003F57



003668



# Sweetspot

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



5C2111



78615B



5C114D



3D2F2B



BDBDBD



3D3D3D



# Same Dimension

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



5C2111



781B02



5C4611



2E2A29



6E1700



ED3300



# Inverse Universe

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



114C5C



025F78



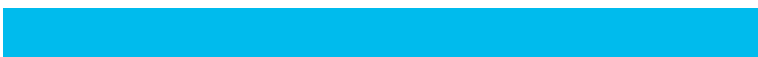
11275C



292D2E



00566E

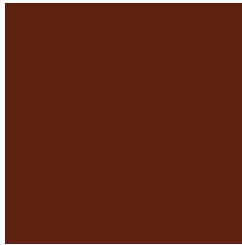


00BBED



# Previews

## White Background



This preview shows how the Hex color 5C2111 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 5C2111 Background



This preview shows how black text looks on a background with the Hex color 5C2111.

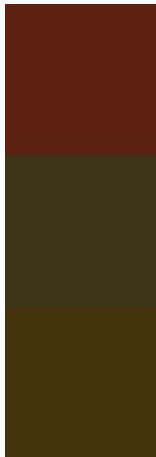


This preview shows how white text looks on a background with the Hex color 5C2111.

# 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**  
5C2111

**Protanopia**  
3B3516

**Deuteranopia**  
43320B



**Tritanopia**  
5D1F21

# Trichromacy



**Original Color**  
5C2111

**Protanomaly**  
472E14

**Deuteranomaly**  
4C2C0D

**Tritanomaly**  
5D201B

# Monochromacy



**Original Color**  
5C2111

**Achromatopsia**  
313131

**Achromatomaly**  
412B25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2111 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 #5C2111 looks like.

```
.text, #text, p{  
    color:#5C2111  
}
```

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 #5C2111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2111
}
```

## Border

The CSS property to change the border of an element to Hex 5C2111 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".

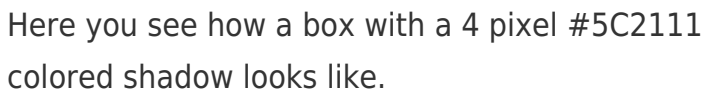
```
.border, #border, table{ border:4px solid
#5C2111 }
```

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

```
.border{ border-color:#5C2111 }
```

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

Here you see how a box with a 4 pixel #5C2111 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2111; -webkit-box-shadow:4px 4px  
4px 4px #5C2111; box-shadow:4px 4px 4px  
4px #5C2111 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2111 }
```

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

```
.background{ background-color:#5C2111 }
```

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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