

# Converting Colors

Hex(5C5209)

Have a look what the booklet for  
Hex(5C5209) contains.

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**Color**

**Hex(5C5209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C5209
RGB	92, 82, 9
RGB Percent	36%, 32%, 4%
CMY	0.6392, 0.6784, 0.9647
CMYK	0.00, 0.11, 0.90, 0.64
HSL	53°, 82%, 20%
HSV	53°, 90%, 36%
XYZ	7.4802, 8.3296, 1.4720
YIQ	76.6680, 29.3930, -20.5830

# Conversions

## Conversions Part 2

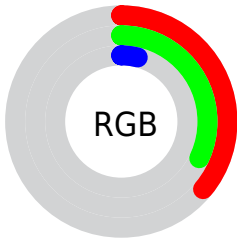
Format	Color
<a href="#">RYB</a>	<a href="#">20, 92, 9</a>
Decimal	<a href="#">6050313</a>
CIELab	<a href="#">34.66, -4.09, 39.70</a>
CIElCh	<a href="#">35, 39.911, 95.885</a>
Yxy	<a href="#">8.3296, 0.4328, 0.4820</a>
Android (android.graphics.Color)	<a href="#">4284240393 (0xFF5C5209)</a>
YUV	<a href="#">76.6680, -33.3603, 13.4462</a>
Hunter-Lab	<a href="#">28.8611, -4.2431, 17.1789</a>

# Details

The Hex color **5C5209** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **09135C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **91833C**, and **2A2600** is the 20% darker color. If you saturate the color by 10%, you get **5C5100**, and if you desaturate by 10%, it is **5C5312**.

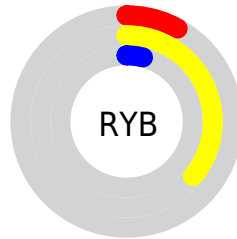
# Distribution



Red (36%)

Green (32%)

Blue (4%)



Red (8%)

Yellow (36%)

Blue (4%)

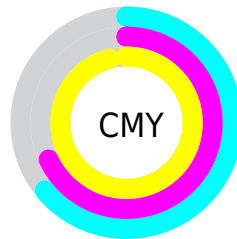


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (64%)



Cyan (64%)

Magenta (68%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C5209 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 5C5209 by changing the saturation by 10% instead.



 5C5209

 5C5209

 FFFFF7

 433B00

 91833C

 2A2600

 AD9D55

 0F1200

 C9B86E

 000000

 E6D388

 FFF0A3

 FFFFBE

 FFFFDA

 5C5209

 5C5209

■ 5C5100

■ 5C5312

■ 5C541B

■ 5C5525

■ 5C562E

■ 5C5837

■ 5C5940

■ 5C5A49

■ 5C5B53

■ 5C5C5C

# Harmonies

## Analogous

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



764615



5C5209



3B5A1A

# Triad

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



5C5209



006076



7D396C

# Complementary

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



5C5209



09135C

# 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.



5B4685



5C5209



005C8B

# Square

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



5C5209



006157



0D5391



8B334D

# Rectangle

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



5C5209



1A5E2C



0D5391



743D76



# Sweetspot

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



5C5209



787457



5C0914



3D3B2A



BDBDBD



3D3D3D



# Same Dimension

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



5C5209



786900



3E5C09



2E2D29



6E6000



EDD100



# Inverse Universe

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



09135C



000E78



27095C



292A2E



000D6E

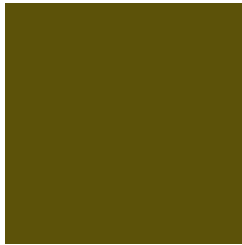


001DED



# Previews

## White Background



This preview shows how the Hex color 5C5209 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

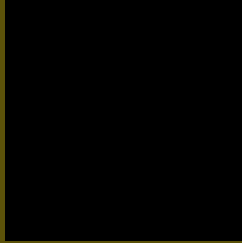
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C5209 Background



This preview shows how black text looks on a background with the Hex color 5C5209.



This preview shows how white text looks on a background with the Hex color 5C5209.

# 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**  
5C5209

**Protanopia**  
5C5209

**Deuteranopia**  
674E0D



**Tritanopia**  
614C52

# Trichromacy



**Original Color**  
5C5209

**Protanomaly**  
5C5209

**Deuteranomaly**  
634F0C

**Tritanomaly**  
5F4E37

# Monochromacy



**Original Color**  
5C5209

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
524F34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C5209 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 #5C5209 looks like.

```
.text, #text, p{  
    color:#5C5209  
}
```

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 #5C5209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5209
}
```

## Border

The CSS property to change the border of an element to Hex 5C5209 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
#5C5209 }
```

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

```
.border{ border-color:#5C5209 }
```

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

Here you see how a box with a 4 pixel #5C5209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5209; -webkit-box-shadow:4px 4px  
4px 4px #5C5209; box-shadow:4px 4px 4px  
4px #5C5209 }
```

# Background

The CSS property to change the background color of an element to Hex 5C5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5209 }
```

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

```
.background{ background-color:#5C5209 }
```

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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