

Converting Colors

Hex(5C4709)

Have a look what the booklet for
Hex(5C4709) contains.

Hex(5C4709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C4709)

Conversions

Conversions Part 1

Format	Color
Hex	5C4709
RGB	92, 71, 9
RGB Percent	36%, 28%, 4%
CMY	0.6392, 0.7216, 0.9647
CMYK	0.00, 0.23, 0.90, 0.64
HSL	45°, 82%, 20%
HSV	45°, 90%, 36%
XYZ	6.7162, 6.8015, 1.2173
YIQ	70.2110, 32.4180, -14.8300

Conversions

Conversions Part 2

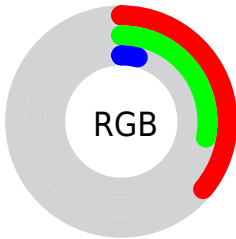
Format	Color
R_YB	37, 92, 9
Decimal	6047497
CIE Lab	31.35, 2.61, 36.92
CIE LCh	31, 37.011, 85.951
Yxy	6.8015, 0.4558, 0.4616
Android (android.graphics.Color)	4284237577 (0xFF5C4709)
YUV	70.2110, -30.1770, 19.1090
Hunter-Lab	26.0797, 0.3287, 15.4884

Details

The Hex color **5C4709** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **091E5C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **91773A**, and **2A1C00** is the 20% darker color. If you saturate the color by 10%, you get **5C4500**, and if you desaturate by 10%, it is **5C4912**.

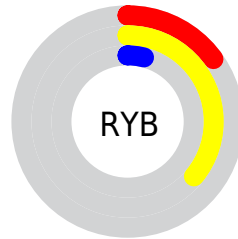
Distribution



Red (36%)

Green (28%)

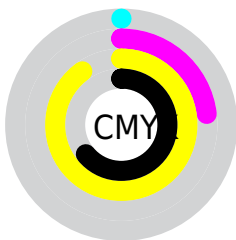
Blue (4%)



Red (15%)

Yellow (36%)

Blue (4%)

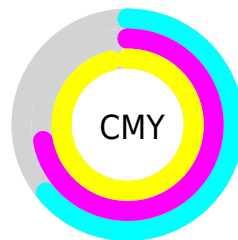


Cyan (0%)

Magenta (23%)

Yellow (90%)

Black (64%)



Cyan (64%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C4709 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 5C4709 by changing the saturation by 10% instead.

 5C4709

 5C4709

 FFFFF3

 433100

 91773A

 2A1C00

 AD9152

 0E0300

 C9AB6B

 000000

 E6C685

 FFE29F

 FFFFBB

 FFFFD7

 5C4709

 5C4709

■ 5C4500

■ 5C4912

■ 5C4C1B

■ 5C4E25

■ 5C502E

■ 5C5337

■ 5C5540

■ 5C5749

■ 5C5A53

■ 5C5C5C

Harmonies

Analogous

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



713C19



5C4709



405010

Triad

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



5C4709



005762



69376B

Complementary

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



5C4709



091E5C

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.



43447E



5C4709



005579

Square

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



5C4709



005745



004E84



7C2E4F

Rectangle

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



5C4709



28531F



004E84



5F3B72

Sweetspot

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



5C4709



787057



5C091F



3D382A



BDBDBD



3D3D3D

Same Dimension

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



5C4709



785A00



495C09



2E2D29



6E5200



EDB100

Inverse Universe

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



091E5C



001E78



1C095C



292A2E



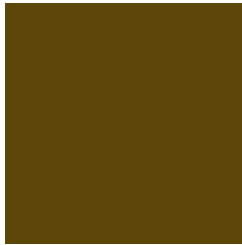
001C6E



003CED

Previews

White Background



This preview shows how the Hex color 5C4709 looks on a white background.

Color Contrast Check

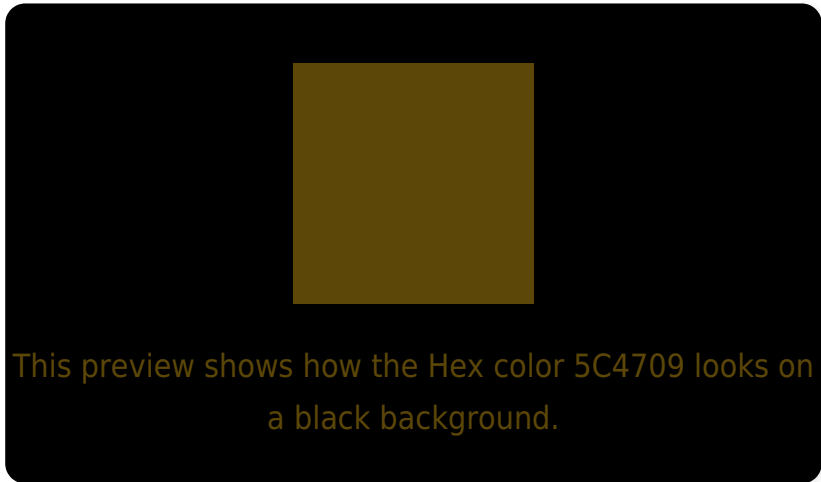
Large Text (above 18pt) WCAG AA ✓ Pass

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

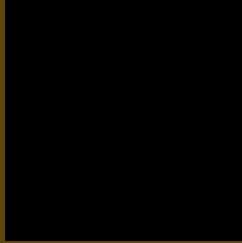
Any Text WCAG AA × Fail

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 5C4709 Background



This preview shows how black text looks on a background with the Hex color 5C4709.



This preview shows how white text looks on a background with the Hex color 5C4709.

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
5C4709

Protanopia
544A0A

Deuteranopia
5E460A



Tritanopia
5F4247

Trichromacy



Original Color
5C4709

Protanomaly
57490A

Deuteranomaly
5D460A

Tritanomaly
5E4430

Monochromacy



Original Color
5C4709

Achromatopsia
464646

Achromatomaly
4E4630

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C4709 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 #5C4709 looks like.

```
.text, #text, p{  
    color:#5C4709  
}
```

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 #5C4709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4709
}
```

Border

The CSS property to change the border of an element to Hex 5C4709 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
#5C4709 }
```

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

```
.border{ border-color:#5C4709 }
```

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

Here you see how a box with a 4 pixel #5C4709 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4709; -webkit-box-shadow:4px 4px  
4px 4px #5C4709; box-shadow:4px 4px 4px  
4px #5C4709 }
```

Background

The CSS property to change the background color of an element to Hex 5C4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4709 }
```

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

```
.background{ background-color:#5C4709 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor