

Converting Colors

Hex(5B7409)

Have a look what the booklet for
Hex(5B7409) contains.

Hex(5B7409)	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(5B7409)

Conversions

Conversions Part 1

Format	Color
Hex	5B7409
RGB	91, 116, 9
RGB Percent	36%, 45%, 4%
CMY	0.6431, 0.5451, 0.9647
CMYK	0.22, 0.00, 0.92, 0.55
HSL	74°, 86%, 25%
HSV	74°, 92%, 45%
XYZ	10.6091, 14.7347, 2.5434
YIQ	96.3270, 19.4470, -38.5770

Conversions

Conversions Part 2

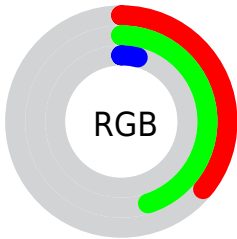
Format	Color
R_{YB}	9, 116, 34
Decimal	5993481
CIE Lab	45.27, -23.35, 48.46
CIE LCh	45, 53.795, 115.723
Yxy	14.7347, 0.3804, 0.5284
Android (android.graphics.Color)	4284183561 (0xFF5B7409)
YUV	96.3270, -43.0522, -4.6718
Hunter-Lab	38.3857, -17.8411, 22.9416

Details

The Hex color **5B7409** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **220974**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **90A843**, and **294400** is the 20% darker color. If you saturate the color by 10%, you get **597400**, and if you desaturate by 10%, it is **5E7415**.

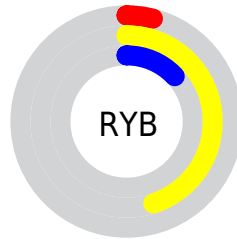
Distribution



Red (36%)

Green (45%)

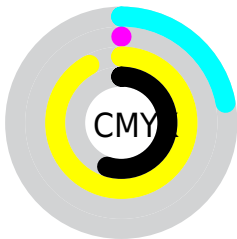
Blue (4%)



Red (4%)

Yellow (45%)

Blue (13%)

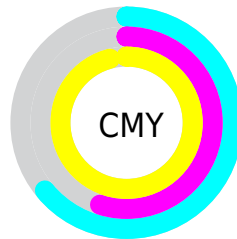


Cyan (22%)

Magenta (0%)

Yellow (92%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7409 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 5B7409 by changing the saturation by 10% instead.



5B7409



5B7409

FFFFFF



415B00



90A843



294400



ACC35C



0D2D00



C8DF77



001B00



E5FC91



000000



FFFFAD



FFFFC9



FFFFE5



5B7409



5B7409

■ 597400

■ 5E7415

■ 607420

■ 63742C

■ 667437

■ 697443

■ 6B744F

■ 6E745A

■ 717466

■ 737471

Harmonies

Analogous

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



866700



5B7409



117C35

Triad

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



5B7409



007CB5



B73E74

Complementary

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



5B7409



220974

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.



9B4D9E



5B7409



0072C5

Square

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



5B7409



008091



5D62BD



B94247

Rectangle

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



5B7409



007F53



5D62BD



B14183

Sweetspot

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



5B7409



8D966C



742209



464D32



CCCCCC



4D4D4D

Same Dimension

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



5B7409



739600



267409



393B35



5E7A00



C0FA00

Inverse Universe

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



220974



230096



570974



36353B



1D007A



3A00FA

Previews

White Background



This preview shows how the Hex color 5B7409 looks on a white background.

Color Contrast Check

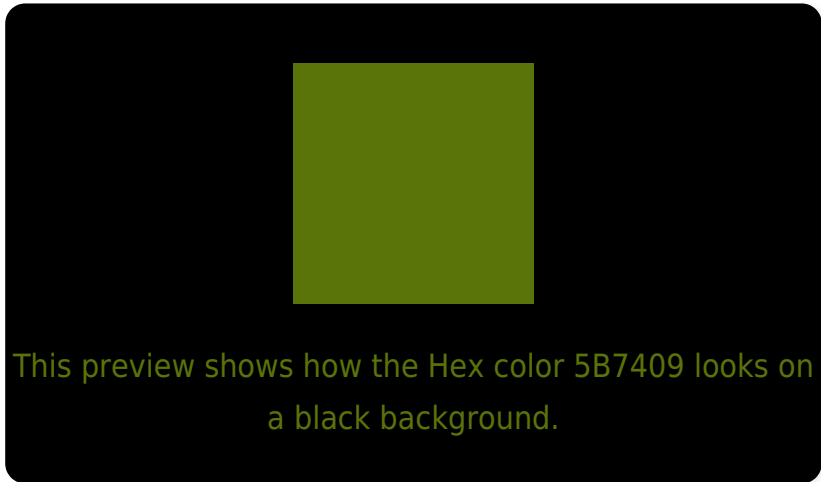
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

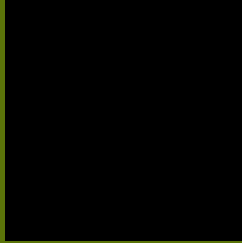
Any Text WCAG AA × Fail

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 5B7409 Background



This preview shows how black text looks on a background with the Hex color 5B7409.



This preview shows how white text looks on a background with the Hex color 5B7409.

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](#).

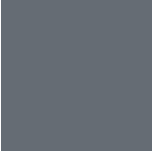
Dichromacy



Original Color
5B7409

Protanopia
796B01

Deuteranopia
876516



Tritanopia
656C74

Trichromacy



Original Color
5B7409

Protanomaly
6E6E04

Deuteranomaly
776A11

Tritanomaly
616F4D

Monochromacy



Original Color
5B7409

Achromatopsia
606060

Achromatomaly
5E6740

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7409 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 #5B7409 looks like.

```
.text, #text, p{  
    color:#5B7409  
}
```

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 #5B7409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7409
}
```

Border

The CSS property to change the border of an element to Hex 5B7409 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
#5B7409 }
```

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

```
.border{ border-color:#5B7409 }
```

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

Here you see how a box with a 4 pixel #5B7409 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7409; -webkit-box-shadow:4px 4px  
4px 4px #5B7409; box-shadow:4px 4px 4px  
4px #5B7409 }
```

Background

The CSS property to change the background color of an element to Hex 5B7409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7409 }
```

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

```
.background{ background-color:#5B7409 }
```

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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