

Converting Colors

Hex(5C800F)

Have a look what the booklet for
Hex(5C800F) contains.

Hex(5C800F)	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(5C800F)

Conversions

Conversions Part 1

Format	Color
Hex	5C800F
RGB	92, 128, 15
RGB Percent	36%, 50%, 6%
CMY	0.6392, 0.4980, 0.9412
CMYK	0.28, 0.00, 0.88, 0.50
HSL	79°, 79%, 28%
HSV	79°, 88%, 50%
XYZ	12.2190, 17.7481, 3.2337
YIQ	104.3540, 14.8170, -42.7750

Conversions

Conversions Part 2

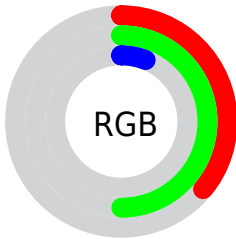
Format	Color
RYB	15, 128, 51
Decimal	6062095
CIELab	49.19, -28.64, 50.46
CIElCh	49, 58.020, 119.577
Yxy	17.7481, 0.3680, 0.5346
Android (android.graphics.Color)	4284252175 (0xFF5C800F)
YUV	104.3540, -44.0515, -10.8345
Hunter-Lab	42.1285, -21.9525, 24.9391

Details

The Hex color **5C800F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **330F80**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **92B548**, and **294E00** is the 20% darker color. If you saturate the color by 10%, you get **588002**, and if you desaturate by 10%, it is **60801C**.

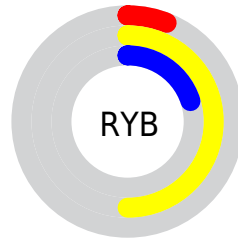
Distribution



Red (36%)

Green (50%)

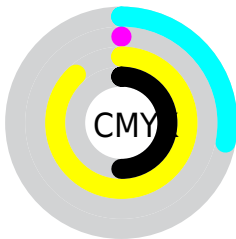
Blue (6%)



Red (6%)

Yellow (50%)

Blue (20%)

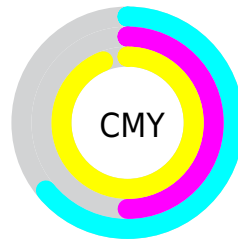


Cyan (28%)

Magenta (0%)

Yellow (88%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C800F 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 5C800F by changing the saturation by 10% instead.



5C800F



5C800F

FFFFFF



426700



92B548



294E00



AED162



0A3700



CAED7C



002300



E7FF97



000000



FFFFB3



FFFFCF



FFFFEC



5C800F



5C800F

■ 588002

■ 60801C

■ 578000

■ 648029

■ 688035

■ 6C8042

■ 70804F

■ 74805C

■ 798069

■ 7D8075

■ 818082

Harmonies

Analogous

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



8D7200



5C800F



008840

Triad

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



5C800F



0086C9



CA4278

Complementary

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



5C800F



330F80

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.



AF51A8



5C800F



007BD8

Square

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



5C800F



008BA4



7168CB



C94A47

Rectangle

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



5C800F



008B61



7168CB



C44588

Sweetspot

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



5C800F



98A67B



80330F



4C543A



D4D4D4



545454

Same Dimension

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



5C800F



71A600



24800F



3E4039



578000



000000

Inverse Universe

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



330F80



3500A6



6B0F80



3B3940



290080



000000

Previews

White Background



This preview shows how the Hex color 5C800F looks on a white background.

Color Contrast Check

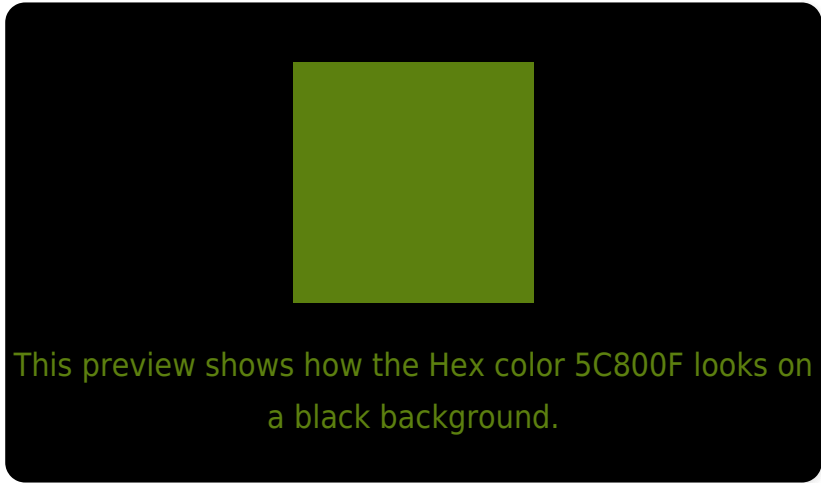
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5C800F Background



This preview shows how black text looks on a background with the Hex color 5C800F.



This preview shows how white text looks on a background with the Hex color 5C800F.

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
5C800F

Protanopia
84750B

Deuteranopia
936F1C



Tritanopia
687781

Trichromacy



Original Color
5C800F

Protanomaly
75790C

Deuteranomaly
7F7517

Tritanomaly
647A58

Monochromacy



Original Color
5C800F

Achromatopsia
686868

Achromatomaly
647148

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C800F 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 #5C800F looks like.

```
.text, #text, p{  
    color:#5C800F  
}
```

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 #5C800F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C800F
}
```

Border

The CSS property to change the border of an element to Hex 5C800F 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".

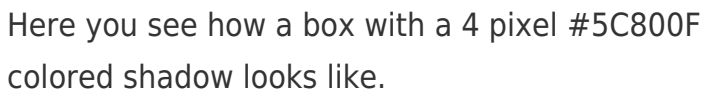
```
.border, #border, table{ border:4px solid
#5C800F }
```

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

```
.border{ border-color:#5C800F }
```

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

Here you see how a box with a 4 pixel #5C800F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C800F; -webkit-box-shadow:4px 4px  
4px 4px #5C800F; box-shadow:4px 4px 4px  
4px #5C800F }
```

Background

The CSS property to change the background color of an element to Hex 5C800F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C800F }
```

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

```
.background{ background-color:#5C800F }
```

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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