

Converting Colors

Hex(5F760B)

Have a look what the booklet for
Hex(5F760B) contains.

Hex(5F760B)	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(5F760B)

Conversions

Conversions Part 1

Format	Color
Hex	5F760B
RGB	95, 118, 11
RGB Percent	37%, 46%, 4%
CMY	0.6275, 0.5373, 0.9569
CMYK	0.19, 0.00, 0.91, 0.54
HSL	73°, 83%, 25%
HSV	73°, 91%, 46%
XYZ	11.2582, 15.4139, 2.6984
YIQ	98.9250, 20.6390, -38.1530

Conversions

Conversions Part 2

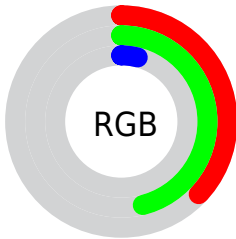
Format	Color
RYB	11, 118, 34
Decimal	6256139
CIELab	46.20, -22.53, 48.92
CIELCh	46, 53.863, 114.729
Yxy	15.4139, 0.3833, 0.5248
Android (android.graphics.Color)	4284446219 (0xFF5F760B)
YUV	98.9250, -43.3470, -3.4422
Hunter-Lab	39.2606, -17.5203, 23.4073

Details

The Hex color **5F760B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **220B76**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **95AA44**, and **2C4600** is the 20% darker color. If you saturate the color by 10%, you get **5D7600**, and if you desaturate by 10%, it is **627617**.

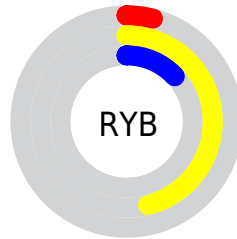
Distribution



Red (37%)

Green (46%)

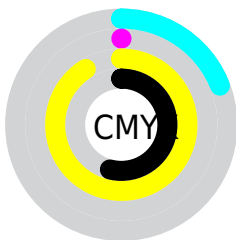
Blue (4%)



Red (4%)

Yellow (46%)

Blue (13%)

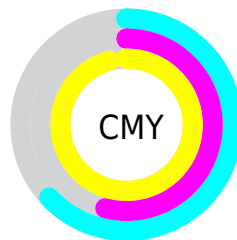


Cyan (19%)

Magenta (0%)

Yellow (91%)

Black (54%)



Cyan (63%)

Magenta (54%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F760B 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 5F760B by changing the saturation by 10% instead.



5F760B



5F760B

FFFFFF



455D00



95AA44



2C4600



B0C55E



122F00



CDE178



001C00



EAFE93



000000



FFFFAE



FFFPCA



FFFFE7



5F760B



5F760B

■ 5D7600

■ 627617

■ 647623

■ 67762E

■ 69763A

■ 6C7646

■ 6E7652

■ 71765E

■ 737669

■ 767675

Harmonies

Analogous

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



8A6900



5F760B



1A7E36

Triad

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



5F760B



007FB7



B94077

Complementary

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



5F760B



220B76

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.



9C50A2



5F760B



0075C8

Square

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



5F760B



008292



5D65C0



BD444B

Rectangle

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



5F760B



008154



5D65C0



B34486

Sweetspot

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



5F760B



909970



76200B



474D34



CCCCCC



4D4D4D

Same Dimension

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



5F760B



789900



2B760B



393B35



607A00



C4FA00

Inverse Universe

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



220B76



210099



560B76



36353B



1A007A



3600FA

Previews

White Background



This preview shows how the Hex color 5F760B 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 5F760B Background



This preview shows how black text looks on a background with the Hex color 5F760B.



This preview shows how white text looks on a background with the Hex color 5F760B.

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
5F760B

Protanopia
7B6E07

Deuteranopia
8A6817



Tritanopia
696E76

Trichromacy



Original Color
5F760B

Protanomaly
717108

Deuteranomaly
7A6D13

Tritanomaly
65714F

Monochromacy



Original Color
5F760B

Achromatopsia
636363

Achromatomaly
626A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F760B 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 #5F760B looks like.

```
.text, #text, p{  
    color:#5F760B  
}
```

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 #5F760B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F760B
}
```

Border

The CSS property to change the border of an element to Hex 5F760B 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
#5F760B }
```

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

```
.border{ border-color:#5F760B }
```

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

Here you see how a box with a 4 pixel #5F760B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F760B; -webkit-box-shadow:4px 4px  
4px 4px #5F760B; box-shadow:4px 4px 4px  
4px #5F760B }
```

Background

The CSS property to change the background color of an element to Hex 5F760B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F760B }
```

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

```
.background{ background-color:#5F760B }
```

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