

# Converting Colors

Hex(58751B)

Have a look what the booklet for  
Hex(58751B) contains.

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**Color**

**Hex(58751B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58751B
RGB	88, 117, 27
RGB Percent	35%, 46%, 11%
CMY	0.6549, 0.5412, 0.8941
CMYK	0.25, 0.00, 0.77, 0.54
HSL	79°, 62%, 28%
HSV	79°, 77%, 46%
XYZ	10.5836, 14.8764, 3.3505
YIQ	98.0690, 11.6060, -34.1380

# Conversions

## Conversions Part 2

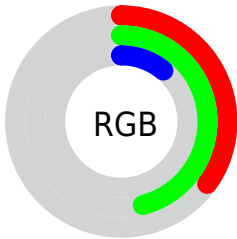
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 117, 56
Decimal	5797147
CIE <sub>Lab</sub>	45.46, -24.38, 43.30
CIE <sub>LCh</sub>	45, 49.694, 119.387
Yxy	14.8764, 0.3674, 0.5164
Android (android.graphics.Color)	4283987227 (0xFF58751B)
YUV	98.0690, -35.0370, -8.8305
Hunter-Lab	38.5700, -18.5169, 21.8485

# Details

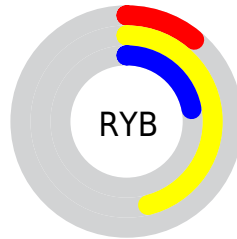
The Hex color **58751B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **381B75**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8DA94E**, and **274400** is the 20% darker color. If you saturate the color by 10%, you get **54750F**, and if you desaturate by 10%, it is **5C7527**.

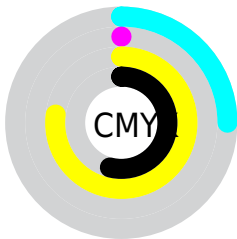
# Distribution



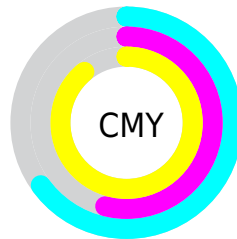
- Red (35%)
- Green (46%)
- Blue (11%)



- Red (11%)
- Yellow (46%)
- Blue (22%)



- Cyan (25%)
- Magenta (0%)
- Yellow (77%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58751B 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 58751B by changing the saturation by 10% instead.





58751B



58751B

FFFFFF



3F5C00



8DA94E



274400



A8C567



0B2E00



C4E182



001C00



E1FD9C



000000



FEFFB8



FFFFD4



FFFFF1



58751B



58751B

■ 54750F

■ 5C7527

■ 507504

■ 607532

■ 4F7500

■ 63753E

■ 67754A

■ 6B7556

■ 6F7561

■ 72756D

■ 767579

■ 7A7584

# Harmonies

## Analogous

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



81690B



58751B



127C3F

# Triad

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



58751B



007AB3



B4436E

# Complementary

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



58751B



381B75

# 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.



9D4F97



58751B



0071BF

# Square

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



58751B



007F93



6961B4



B44945

# Rectangle

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



58751B



007E5B



6961B4



AF457C



# Sweetspot

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



58751B



8E9976



75371B



464D37



CCCCCC



4D4D4D



# Same Dimension

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



58751B



6C990C



2C751B



393B35



537A00



A9FA00



# Inverse Universe

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



381B75



3A0C99



641B75



37353B



27007A



5100FA



# Previews

## White Background



This preview shows how the Hex color 58751B looks on a white background.

## Color Contrast Check

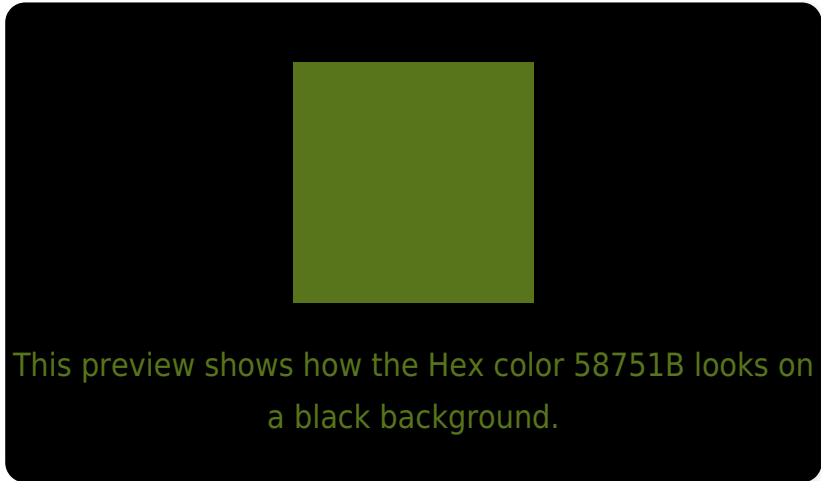
Large Text (above 18pt) WCAG AA ✓ Pass

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

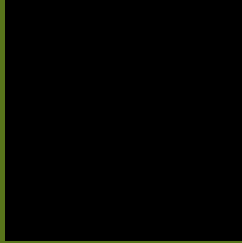
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58751B Background



This preview shows how black text looks on a background with the Hex color 58751B.



This preview shows how white text looks on a background with the Hex color 58751B.

# 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**  
58751B

**Protanopia**  
796C19

**Deuteranopia**  
866622



**Tritanopia**  
626D76

# Trichromacy



**Original Color**  
58751B

**Protanomaly**  
6D6F1A

**Deuteranomaly**  
756B1F

**Tritanomaly**  
5E7055

# Monochromacy



**Original Color**  
58751B

**Achromatopsia**  
626262

**Achromatomaly**  
5E6948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58751B 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 #58751B looks like.

```
.text, #text, p{  
    color:#58751B  
}
```

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 #58751B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58751B
}
```

## Border

The CSS property to change the border of an element to Hex 58751B 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".

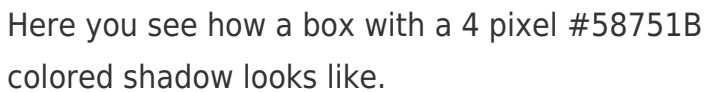
```
.border, #border, table{ border:4px solid
#58751B }
```

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

```
.border{ border-color:#58751B }
```

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

Here you see how a box with a 4 pixel #58751B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58751B; -webkit-box-shadow:4px 4px  
4px 4px #58751B; box-shadow:4px 4px 4px  
4px #58751B }
```

# Background

The CSS property to change the background color of an element to Hex 58751B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58751B }
```

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

```
.background{ background-color:#58751B }
```

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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