

# Converting Colors

Hex(5F571B)

Have a look what the booklet for  
Hex(5F571B) contains.

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**Color**

**Hex(5F571B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F571B
RGB	95, 87, 27
RGB Percent	37%, 34%, 11%
CMY	0.6275, 0.6588, 0.8941
CMYK	0.00, 0.08, 0.72, 0.63
HSL	53°, 56%, 24%
HSV	53°, 72%, 37%
XYZ	8.3253, 9.3284, 2.3987
YIQ	82.5520, 24.0280, -16.9640

# Conversions

## Conversions Part 2

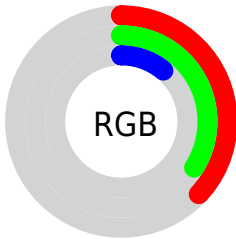
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 95, 27
Decimal	6248219
CIELab	36.61, -4.71, 34.64
CIELCh	37, 34.958, 97.743
Yxy	9.3284, 0.4152, 0.4652
Android (android.graphics.Color)	4284438299 (0xFF5F571B)
YUV	82.5520, -27.3871, 10.9169
Hunter-Lab	30.5425, -4.7933, 16.7233

# Details

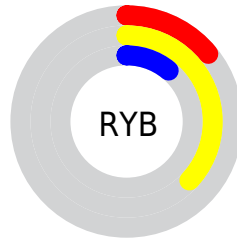
The Hex color **5F571B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1B235F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **94894A**, and **2E2A00** is the 20% darker color. If you saturate the color by 10%, you get **5F5612**, and if you desaturate by 10%, it is **5F5825**.

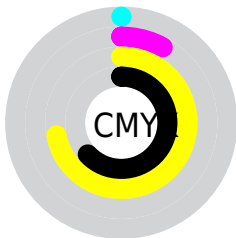
# Distribution



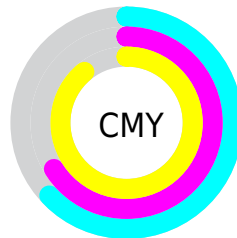
- Red (37%)
- Green (34%)
- Blue (11%)



- Red (14%)
- Yellow (37%)
- Blue (11%)



- Cyan (0%)
- Magenta (8%)
- Yellow (72%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F571B 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 5F571B by changing the saturation by 10% instead.





5F571B



5F571B

FFFFFF



464002



94894A



2E2A00



AFA363



151600



CBBE7D



000000



E8D997



FFF6B2



FFFCE



FFFEEA



5F571B



5F571B

■ 5F5612

■ 5F5825

■ 5F5508

■ 5F592E

■ 5F5400

■ 5F5A38

■ 5F5B41

■ 5F5D4B

■ 5F5E54

■ 5F5F5E

■ 5F6067

■ 5F6171

# Harmonies

## Analogous

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



774D21



5F571B



415E27

# Triad

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



5F571B



006378



7E416C

# Complementary

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



5F571B



1B235F

# 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.



614C83



5F571B



005F8A

# Square

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



5F571B



00645D



2F578E



8A3D50

# Rectangle

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



5F571B



276137



2F578E



774475



# Sweetspot

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



5F571B



7A7761



5F1B24



3D3B2E



BDBDBD



3D3D3D



# Same Dimension

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



5F571B



7A6E11



465F1B



30302C



706300



F0D300



# Inverse Universe

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



1B235F



111E7A



341B5F



2C2C30



000D70



001CF0



# Previews

## White Background



This preview shows how the Hex color 5F571B looks on a white background.

## Color Contrast Check

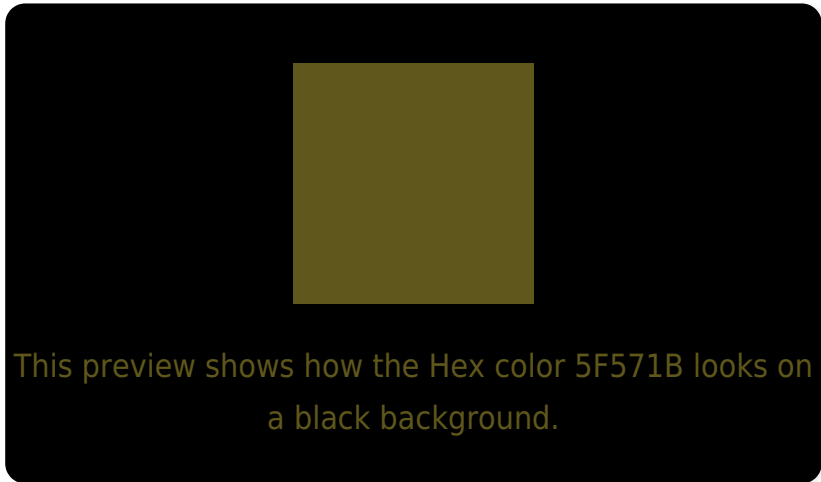
Large Text (above 18pt) WCAG AA ✓ Pass

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

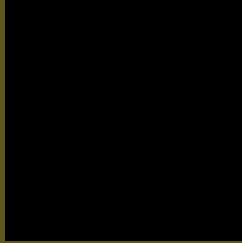
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F571B Background



This preview shows how black text looks on a background with the Hex color 5F571B.



This preview shows how white text looks on a background with the Hex color 5F571B.

# 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**  
5F571B

**Protanopia**  
61561B

**Deuteranopia**  
6C521D



**Tritanopia**  
645158

# Trichromacy



**Original Color**  
5F571B

**Protanomaly**  
60561B

**Deuteranomaly**  
67541C

**Tritanomaly**  
625342

# Monochromacy



**Original Color**  
5F571B

**Achromatopsia**  
535353

**Achromatomaly**  
57543F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F571B 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 #5F571B looks like.

```
.text, #text, p{  
    color:#5F571B  
}
```

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 #5F571B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F571B
}
```

## Border

The CSS property to change the border of an element to Hex 5F571B 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
#5F571B }
```

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

```
.border{ border-color:#5F571B }
```

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

Here you see how a box with a 4 pixel #5F571B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F571B; -webkit-box-shadow:4px 4px  
4px 4px #5F571B; box-shadow:4px 4px 4px  
4px #5F571B }
```

# Background

The CSS property to change the background color of an element to Hex 5F571B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F571B }
```

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

```
.background{ background-color:#5F571B }
```

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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