

# Converting Colors

Hex(5F510D)

Have a look what the booklet for  
Hex(5F510D) contains.

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**Color**

**Hex(5F510D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F510D
RGB	95, 81, 13
RGB Percent	37%, 32%, 5%
CMY	0.6275, 0.6824, 0.9490
CMYK	0.00, 0.15, 0.86, 0.63
HSL	50°, 76%, 21%
HSV	50°, 86%, 37%
XYZ	7.7344, 8.3468, 1.5842
YIQ	77.4340, 30.1720, -18.1800

# Conversions

## Conversions Part 2

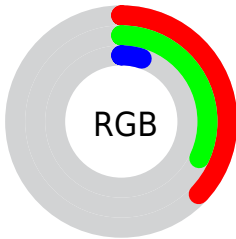
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 95, 13
Decimal	6246669
CIELab	34.69, -1.84, 38.58
CIELCh	35, 38.623, 92.734
Yxy	8.3468, 0.4378, 0.4725
Android (android.graphics.Color)	4284436749 (0xFF5F510D)
YUV	77.4340, -31.7660, 15.4054
Hunter-Lab	28.8909, -2.7726, 16.9725

# Details

The Hex color **5F510D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0D1B5F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **94823E**, and **2D2500** is the 20% darker color. If you saturate the color by 10%, you get **5F4F03**, and if you desaturate by 10%, it is **5F5316**.

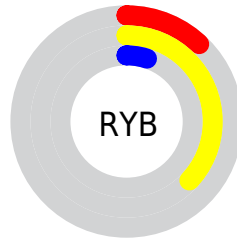
# Distribution



Red (37%)

Green (32%)

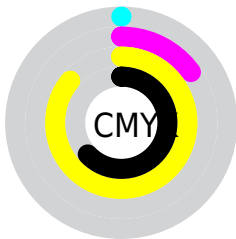
Blue (5%)



Red (12%)

Yellow (37%)

Blue (5%)

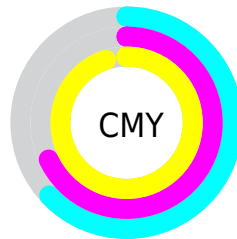


Cyan (0%)

Magenta (15%)

Yellow (86%)

Black (63%)



Cyan (63%)

Magenta (68%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F510D 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 5F510D by changing the saturation by 10% instead.



 5F510D

 5F510D

 FFFFF9

 463A00

 94823E

 2D2500

 B09C57

 131100

 CCB770

 000000

 E9D28A

 FFEEA5

 FFFFC0

 FFFFDD

 5F510D

 5F510D

■ 5F4F03

■ 5F5316

■ 5F4F00

■ 5F5420

■ 5F5629

■ 5F5733

■ 5F593D

■ 5F5B46

■ 5F5C50

■ 5F5E59

■ 5F6062

# Harmonies

## Analogous

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



78451A



5F510D



40591A

# Triad

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



5F510D



006072



793B6E

# Complementary

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



5F510D



0D1B5F

# 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.



564886



5F510D



005C88

# Square

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



5F510D



006054



00548F



883450

# Rectangle

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



5F510D



235D2A



00548F



703F77



# Sweetspot

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



5F510D



7A755B



5F0D1C



3D3A2A



BDBDBD



3D3D3D



# Same Dimension

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



5F510D



7A6600



455F0D



30302C



705D00



F0C700



# Inverse Universe

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



0D1B5F



00157A



270D5F



2C2C30



001370

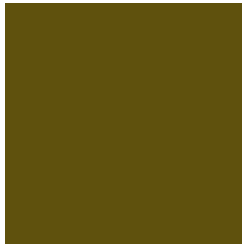


0029F0



# Previews

## White Background



This preview shows how the Hex color 5F510D looks on a white background.

## Color Contrast Check

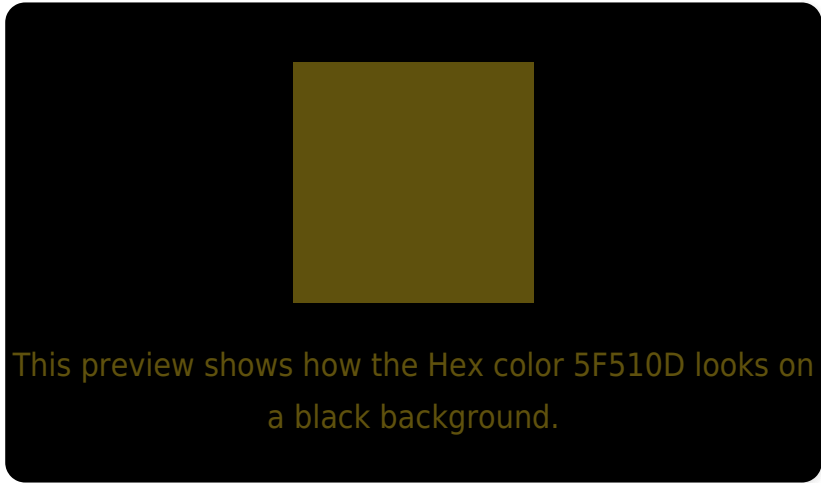
Large Text (above 18pt) WCAG AA ✓ Pass

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

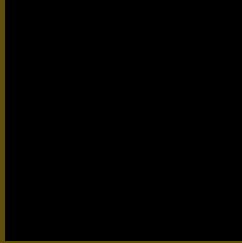
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F510D Background



This preview shows how black text looks on a background with the Hex color 5F510D.



This preview shows how white text looks on a background with the Hex color 5F510D.

# 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**  
5F510D

**Protanopia**  
5C520D

**Deuteranopia**  
674E0F



**Tritanopia**  
634B51

# Trichromacy



**Original Color**  
5F510D

**Protanomaly**  
5D520D

**Deuteranomaly**  
644F0E

**Tritanomaly**  
624D38

# Monochromacy



**Original Color**  
5F510D

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
544E36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F510D 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 #5F510D looks like.

```
.text, #text, p{  
    color:#5F510D  
}
```

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 #5F510D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F510D
}
```

## Border

The CSS property to change the border of an element to Hex 5F510D 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
#5F510D }
```

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

```
.border{ border-color:#5F510D }
```

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

Here you see how a box with a 4 pixel #5F510D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F510D; -webkit-box-shadow:4px 4px  
4px 4px #5F510D; box-shadow:4px 4px 4px  
4px #5F510D }
```

# Background

The CSS property to change the background color of an element to Hex 5F510D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F510D }
```

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

```
.background{ background-color:#5F510D }
```

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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