

# Converting Colors

Hex(5F550F)

Have a look what the booklet for  
Hex(5F550F) contains.

<b>Hex(5F550F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5F550F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F550F
RGB	95, 85, 15
RGB Percent	37%, 33%, 6%
CMY	0.6275, 0.6667, 0.9412
CMYK	0.00, 0.11, 0.84, 0.63
HSL	52°, 73%, 22%
HSV	52°, 84%, 37%
XYZ	8.0540, 8.9644, 1.7577
YIQ	80.0100, 28.4300, -19.6500

# Conversions

## Conversions Part 2

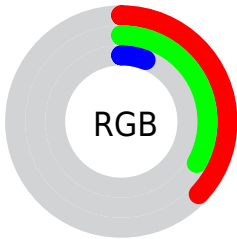
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 95, 15
Decimal	6247695
CIELab	35.92, -4.16, 38.96
CIELCh	36, 39.184, 96.093
Yxy	8.9644, 0.4290, 0.4774
Android (android.graphics.Color)	4284437775 (0xFF5F550F)
YUV	80.0100, -32.0499, 13.1462
Hunter-Lab	29.9406, -4.3794, 17.4776

# Details

The Hex color **5F550F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0F195F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **948640**, and **2D2800** is the 20% darker color. If you saturate the color by 10%, you get **5F5406**, and if you desaturate by 10%, it is **5F5619**.

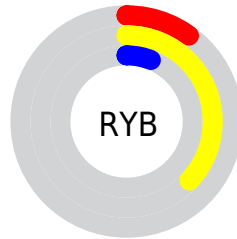
# Distribution



Red (37%)

Green (33%)

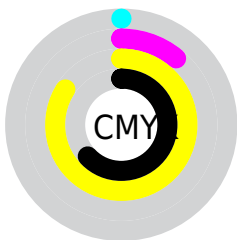
Blue (6%)



Red (10%)

Yellow (37%)

Blue (6%)

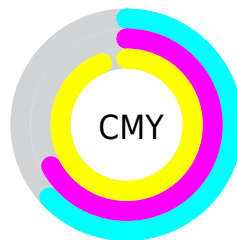


Cyan (0%)

Magenta (11%)

Yellow (84%)

Black (63%)



Cyan (63%)

Magenta (67%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F550F 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 5F550F by changing the saturation by 10% instead.





5F550F



5F550F

FFFFFFC



463E00



948640



2D2800



B0A059



141400



CCBB72



000000



E9D78D



FFF3A7



FFFFC3



FFFFDF



5F550F



5F550F

■ 5F5406

■ 5F5619

■ 5F5300

■ 5F5722

■ 5F592C

■ 5F5A35

■ 5F5B3F

■ 5F5C48

■ 5F5D52

■ 5F5F5B

■ 5F6065

# Harmonies

## Analogous

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



794A19



5F550F



3E5D1E

# Triad

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



5F550F



006379



7F3C6F

# Complementary

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



5F550F



0F195F

# 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.



5E4987



5F550F



005E8E

# Square

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



5F550F



00645A



1A5693



8D374F

# Rectangle

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



5F550F



1F6130



1A5693



774078



# Sweetspot

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



5F550F



7A775C



5F0F1A



3D3B2B



BDBDBD



3D3D3D



# Same Dimension

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



5F550F



7A6B00



425F0F



30302C



706200



F0D200



# Inverse Universe

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



0F195F



000F7A



2C0F5F



2C2C30



000E70

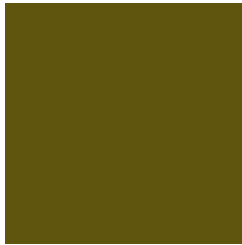


001EF0



# Previews

## White Background



This preview shows how the Hex color 5F550F 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

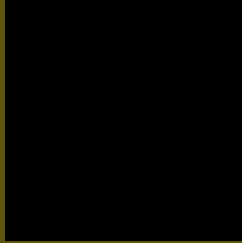
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F550F Background



This preview shows how black text looks on a background with the Hex color 5F550F.



This preview shows how white text looks on a background with the Hex color 5F550F.

# 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**  
5F550F

**Protanopia**  
5F550F

**Deuteranopia**  
6B5012



**Tritanopia**  
644F55

# Trichromacy



**Original Color**  
5F550F

**Protanomaly**  
5F550F

**Deuteranomaly**  
675211

**Tritanomaly**  
62513C

# Monochromacy



**Original Color**  
5F550F

**Achromatopsia**  
505050

**Achromatomaly**  
555238

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F550F 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 #5F550F looks like.

```
.text, #text, p{  
    color:#5F550F  
}
```

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 #5F550F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F550F
}
```

## Border

The CSS property to change the border of an element to Hex 5F550F is called "border". The border property can be set on classes, ids or directly on the HTML element.

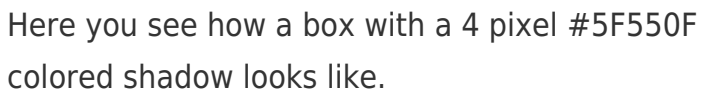
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F550F }
```

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

```
.border{ border-color:#5F550F }
```

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



Here you see how a box with a 4 pixel #5F550F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F550F; -webkit-box-shadow:4px 4px  
4px 4px #5F550F; box-shadow:4px 4px 4px  
4px #5F550F }
```

# Background

The CSS property to change the background color of an element to Hex 5F550F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F550F }
```

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

```
.background{ background-color:#5F550F }
```

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