

# Converting Colors

Hex(5F2109)

Have a look what the booklet for  
Hex(5F2109) contains.

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**Color**

**Hex(5F2109)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F2109
RGB	95, 33, 9
RGB Percent	37%, 13%, 4%
CMY	0.6275, 0.8706, 0.9647
CMYK	0.00, 0.65, 0.91, 0.63
HSL	17°, 83%, 20%
HSV	17°, 91%, 37%
XYZ	5.3125, 3.5403, 0.6618
YIQ	48.8020, 44.6560, 5.6800

# Conversions

## Conversions Part 2

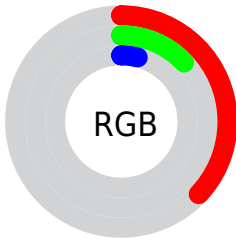
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 42, 9
Decimal	6234377
CIELab	22.09, 26.99, 28.62
CIElCh	22, 39.340, 46.676
Yxy	3.5403, 0.5583, 0.3721
Android (android.graphics.Color)	4284424457 (0xFF5F2109)
YUV	48.8020, -19.6224, 40.5156
Hunter-Lab	18.8158, 17.4704, 11.0857

# Details

The Hex color **5F2109** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **09475F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **975035**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5F1B00**, and if you desaturate by 10%, it is **5F2812**.

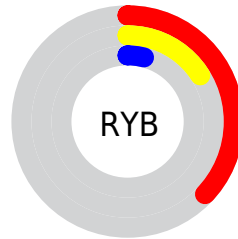
# Distribution



Red (37%)

Green (13%)

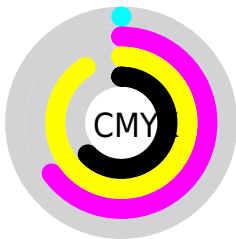
Blue (4%)



Red (37%)

Yellow (16%)

Blue (4%)

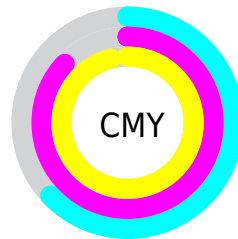


Cyan (0%)

Magenta (65%)

Yellow (91%)

Black (63%)



Cyan (63%)

Magenta (87%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F2109 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 5F2109 by changing the saturation by 10% instead.



 5F2109

 5F2109

 FFFFEB

 440900

 975035

 2C0000

 B3694D

 000000

 D18265

 EE9D7E

 FFB898

 FFD4B3

 FFF0CF

 5F2109

 5F2109

■ 5F1B00

■ 5F2812

■ 5F2F1C

■ 5F3626

■ 5F3C2F

■ 5F4339

■ 5F4A42

■ 5F514C

■ 5F5855

■ 5F5F5F

# Harmonies

## Analogous

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



681326



5F2109



4D2F00

# Triad

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



5F2109



004126



0C336D

# Complementary

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



5F2109



09475F

# 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.



003C6E



5F2109



004245

# Square

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



5F2109



0A3E07



00415F



4A255D

# Rectangle

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



5F2109



3C3600



00415F



00366F



# Sweetspot

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



5F2109



7A6359



5F0948



3D2F2A



BDBDBD



3D3D3D



# Same Dimension

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



5F2109



7A2200



5F4B09



302D2C



701F00



F04300



# Inverse Universe

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



09475F



00587A



091D5F



2C2F30



005170

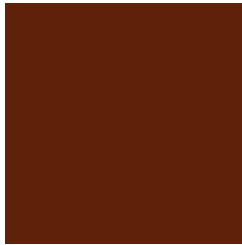


00ADF0



# Previews

## White Background



This preview shows how the Hex color 5F2109 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

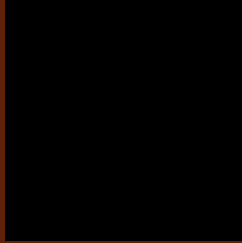
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F2109 Background



This preview shows how black text looks on a background with the Hex color 5F2109.



This preview shows how white text looks on a background with the Hex color 5F2109.

# 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**  
5F2109

**Protanopia**  
3D360E

**Deuteranopia**  
443300



**Tritanopia**  
601F21

# Trichromacy



**Original Color**  
5F2109

**Protanomaly**  
492E0C

**Deuteranomaly**  
4E2C03

**Tritanomaly**  
602018

# Monochromacy



**Original Color**  
5F2109

**Achromatopsia**  
313131

**Achromatomaly**  
422B22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F2109 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 #5F2109 looks like.

```
.text, #text, p{  
    color:#5F2109  
}
```

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 #5F2109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2109
}
```

## Border

The CSS property to change the border of an element to Hex 5F2109 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".

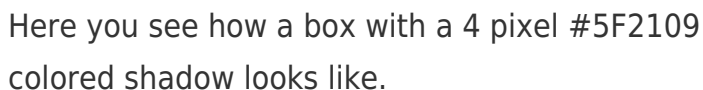
```
.border, #border, table{ border:4px solid
#5F2109 }
```

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

```
.border{ border-color:#5F2109 }
```

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

Here you see how a box with a 4 pixel #5F2109 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2109; -webkit-box-shadow:4px 4px  
4px 4px #5F2109; box-shadow:4px 4px 4px  
4px #5F2109 }
```

# Background

The CSS property to change the background color of an element to Hex 5F2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2109 }
```

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

```
.background{ background-color:#5F2109 }
```

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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