

# Converting Colors

Hex(5F1C0D)

Have a look what the booklet for  
Hex(5F1C0D) contains.

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# Color

Hex(5F1C0D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F1C0D
RGB	95, 28, 13
RGB Percent	37%, 11%, 5%
CMY	0.6275, 0.8902, 0.9490
CMYK	0.00, 0.71, 0.86, 0.63
HSL	11°, 76%, 21%
HSV	11°, 86%, 37%
XYZ	5.2072, 3.2925, 0.7418
YIQ	46.3230, 44.7470, 9.5390

# Conversions

## Conversions Part 2

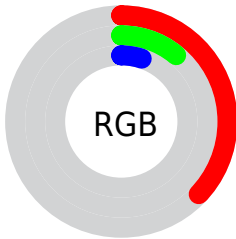
Format	Color
<b>RYB</b>	95, 31, 13
Decimal	6233101
CIELab	21.18, 29.65, 25.90
CIElCh	21, 39.369, 41.147
Yxy	3.2925, 0.5635, 0.3563
Android (android.graphics.Color)	4284423181 (0xFF5F1C0D)
YUV	46.3230, -16.4282, 42.6897
Hunter-Lab	18.1451, 19.4712, 10.2776

# Details

The Hex color **5F1C0D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D505F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **974C38**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5F1403**, and if you desaturate by 10%, it is **5F2416**.

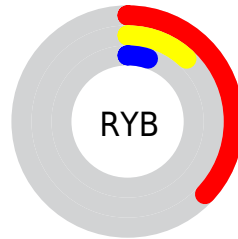
# Distribution



Red (37%)

Green (11%)

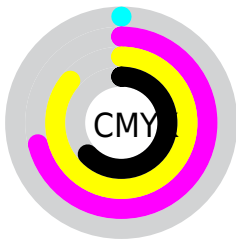
Blue (5%)



Red (37%)

Yellow (12%)

Blue (5%)

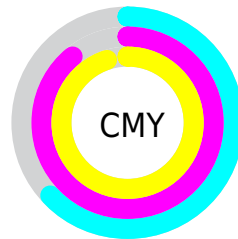


Cyan (0%)

Magenta (71%)

Yellow (86%)

Black (63%)



Cyan (63%)

Magenta (89%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F1C0D 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 5F1C0D by changing the saturation by 10% instead.



 5F1C0D

 5F1C0D

 FFFFEE

 440300

 974C38

 2C0001

 B3654F

 000000

 D17E68

 EE9881

 FFB49B

 FFCFB6

 FFECD1

 5F1C0D

 5F1C0D

■ 5F1403

■ 5F2416

■ 5F1100

■ 5F2C20

■ 5F3329

■ 5F3B33

■ 5F433D

■ 5F4B46

■ 5F5250

■ 5F5A59

■ 5F6262

# Harmonies

## Analogous

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



650F29



5F1C0D



4E2A00

# Triad

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



5F1C0D



003E1F



00336C

# Complementary

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



5F1C0D



0D505F

# 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.



003B6A



5F1C0D



00403D

# Square

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



5F1C0D



133B00



003F59



41255F

# Rectangle

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



5F1C0D



3F3200



003F59



00366D



# Sweetspot

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



5F1C0D



7A605B



5F0D51



3D2E2A



BDBDBD



3D3D3D



# Same Dimension

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



5F1C0D



7A1600



5F440D



302C2C



701500



F02C00



# Inverse Universe

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



0D505F



00647A



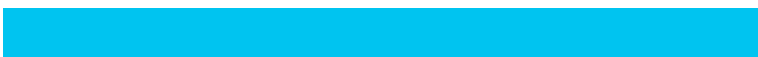
0D285F



2C3030



005C70

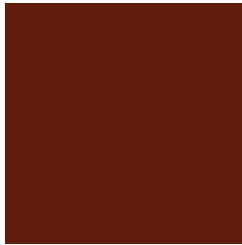


00C4F0



# Previews

## White Background



This preview shows how the Hex color 5F1C0D looks on a white background.

## Color Contrast Check

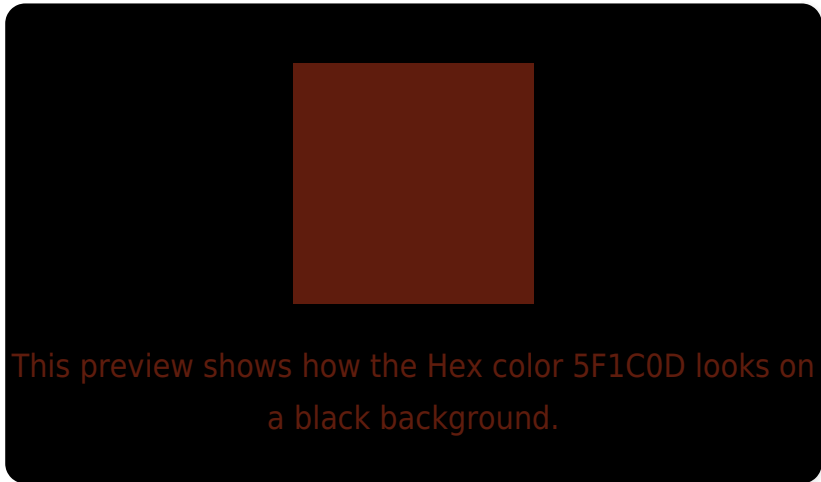
Large Text (above 18pt) WCAG AA ✓ Pass

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

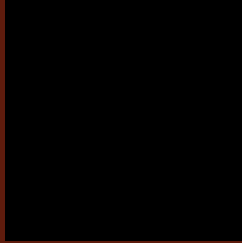
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F1C0D Background



This preview shows how black text looks on a background with the Hex color 5F1C0D.

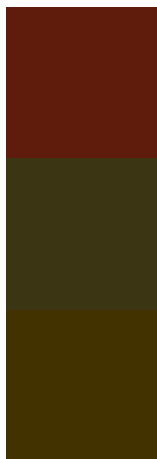


This preview shows how white text looks on a background with the Hex color 5F1C0D.

# 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**  
5F1C0D

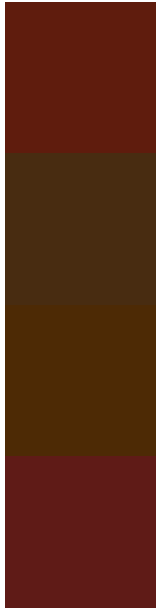
**Protanopia**  
3B3513

**Deuteranopia**  
423200



**Tritanopia**  
5F1A1C

# Trichromacy



**Original Color**  
5F1C0D

**Protanomaly**  
482C11

**Deuteranomaly**  
4D2A05

**Tritanomaly**  
5F1B17

# Monochromacy



**Original Color**  
5F1C0D

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
402722

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F1C0D 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 #5F1C0D looks like.

```
.text, #text, p{  
    color:#5F1C0D  
}
```

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 #5F1C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1C0D }
}
```

## Border

The CSS property to change the border of an element to Hex 5F1C0D 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".

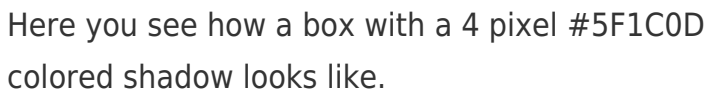
```
.border, #border, table{ border:4px solid #5F1C0D }
}
```

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

```
.border{ border-color:#5F1C0D }
```

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

Here you see how a box with a 4 pixel #5F1C0D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1C0D; -webkit-box-shadow:4px 4px  
4px 4px #5F1C0D; box-shadow:4px 4px 4px  
4px #5F1C0D }
```

# Background

The CSS property to change the background color of an element to Hex 5F1C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1C0D }
```

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

```
.background{ background-color:#5F1C0D }
```

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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