

# Converting Colors

Hex(5F1200)

Have a look what the booklet for  
Hex(5F1200) contains.

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**Color**

**Hex(5F1200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F1200
RGB	95, 18, 0
RGB Percent	37%, 7%, 0%
CMY	0.6275, 0.9294, 1.0000
CMYK	0.00, 0.81, 1.00, 0.63
HSL	11°, 100%, 19%
HSV	11°, 100%, 37%
XYZ	4.9356, 2.8655, 0.2930
YIQ	38.9710, 51.6700, 10.7260

# Conversions

## Conversions Part 2

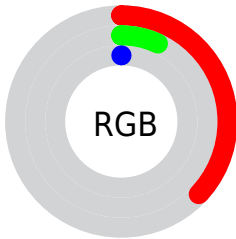
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 22, 0
Decimal	6230528
CIE <sub>Lab</sub>	19.50, 33.54, 29.43
CIE <sub>LCh</sub>	19, 44.615, 41.265
Yxy	2.8655, 0.6098, 0.3540
Android (android.graphics.Color)	4284420608 (0xFF5F1200)
YUV	38.9710, -19.2127, 49.1374
Hunter-Lab	16.9278, 22.4213, 10.8234

# Details

The Hex color **5F1200** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004D5F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **98442F**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5F1200**, and if you desaturate by 10%, it is **5F1A09**.

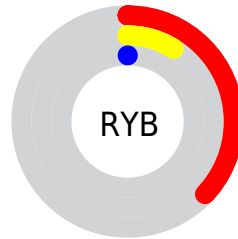
# Distribution



Red (37%)

Green (7%)

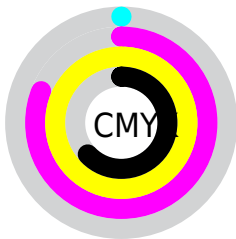
Blue (0%)



Red (37%)

Yellow (9%)

Blue (0%)

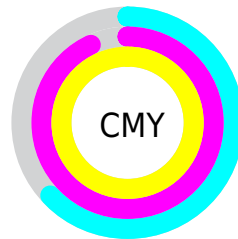


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F1200 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 5F1200 by changing the saturation by 10% instead.



 5F1200

 5F1200

 FFFFE2

 430000

 98442F

 2C0001

 B55D46

 000000

 D2765D

 F09176

 FFAC90

 FFC7AB

 FFE4C6

 5F1200

■ 5F1A09

■ 5F2113

■ 5F291D

■ 5F3126

■ 5F3930

■ 5F4039

■ 5F4843

■ 5F504C

■ 5F5756

# Harmonies

## Analogous

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



660025



5F1200



4C2600

# Triad

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



5F1200



003B19



003070

# Complementary

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



5F1200



004D5F

# 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.



00396E



5F1200



003D3B

# Square

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



5F1200



083800



003C5A



3E1F61

# Rectangle

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



5F1200



3A2E00



003C5A



003371



# Sweetspot

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



5F1200



7A5D56



5F004E



3D2B27



BDBDBD



3D3D3D



# Same Dimension

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



5F1200



7A1700



5F4100



302D2C



701500



F02D00



# Inverse Universe

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



004D5F



00637A



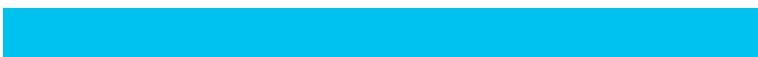
001E5F



2C3030



005B70

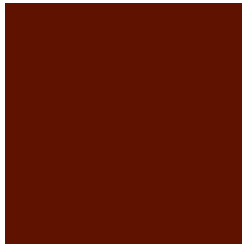


00C2F0



# Previews

## White Background



This preview shows how the Hex color 5F1200 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

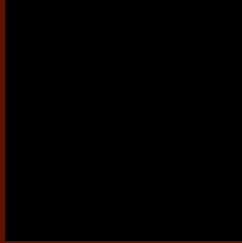
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F1200 Background



This preview shows how black text looks on a background with the Hex color 5F1200.



This preview shows how white text looks on a background with the Hex color 5F1200.

# 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**  
5F1200

**Protanopia**  
38320B

**Deuteranopia**  
3F2F00



**Tritanopia**  
5F1110

# Trichromacy



**Original Color**  
5F1200

**Protanomaly**  
462607

**Deuteranomaly**  
4B2400

**Tritanomaly**  
5F110A

# Monochromacy



**Original Color**  
5F1200

**Achromatopsia**  
272727

**Achromatomaly**  
3B1F19

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F1200 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 #5F1200 looks like.

```
.text, #text, p{  
    color:#5F1200  
}
```

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 #5F1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1200
}
```

## Border

The CSS property to change the border of an element to Hex 5F1200 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".

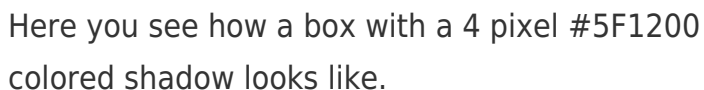
```
.border, #border, table{ border:4px solid
#5F1200 }
```

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

```
.border{ border-color:#5F1200 }
```

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

Here you see how a box with a 4 pixel #5F1200 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 #5F1200; -webkit-box-shadow:4px 4px  
4px 4px #5F1200; box-shadow:4px 4px 4px  
4px #5F1200 }
```

# Background

The CSS property to change the background color of an element to Hex 5F1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1200 }
```

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

```
.background{ background-color:#5F1200 }
```

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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