

# Converting Colors

Hex(5C2114)

Have a look what the booklet for  
Hex(5C2114) contains.

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**Color**

**Hex(5C2114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C2114
RGB	92, 33, 20
RGB Percent	36%, 13%, 8%
CMY	0.6392, 0.8706, 0.9216
CMYK	0.00, 0.64, 0.78, 0.64
HSL	11°, 64%, 22%
HSV	11°, 78%, 36%
XYZ	5.0838, 3.4135, 1.0528
YIQ	49.1590, 39.3370, 8.4650

# Conversions

## Conversions Part 2

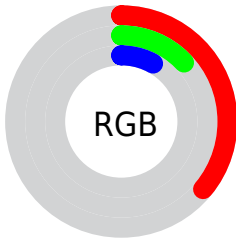
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 36, 20
Decimal	6037780
CIELab	21.63, 26.19, 22.27
CIElCh	22, 34.380, 40.374
Yxy	3.4135, 0.5323, 0.3574
Android (android.graphics.Color)	4284227860 (0xFF5C2114)
YUV	49.1590, -14.3754, 37.5716
Hunter-Lab	18.4757, 16.7832, 9.5547

# Details

The Hex color **5C2114** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **144F5C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **93503F**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5C190B**, and if you desaturate by 10%, it is **5C291D**.

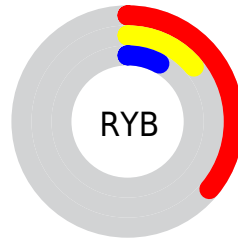
# Distribution



Red (36%)

Green (13%)

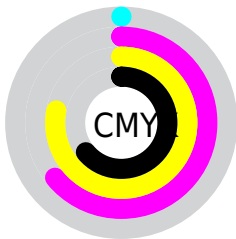
Blue (8%)



Red (36%)

Yellow (14%)

Blue (8%)

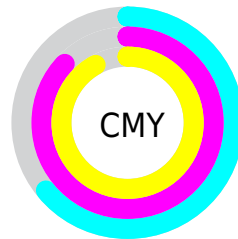


Cyan (0%)

Magenta (64%)

Yellow (78%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2114 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 5C2114 by changing the saturation by 10% instead.



 5C2114

 5C2114

 FFFFF6

 420900

 93503F

 2A0000

 AF6956

 000000

 CC826F

 E99D88

 FFB8A3

 FFD4BE

 FFF0DA

 5C2114

 5C2114

■ 5C190B

■ 5C291D

■ 5C1202

■ 5C3026

■ 5C1100

■ 5C3830

■ 5C3F39

■ 5C4742

■ 5C4E4B

■ 5C5654

■ 5C5D5E

■ 5C6567

# Harmonies

## Analogous

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



61192C



5C2114



4D2C00

# Triad

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



5C2114



003E22



003466

# Complementary

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



5C2114



144F5C

# 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.



003B64



5C2114



003F3C

# Square

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



5C2114



1B3B08



003F54



40295B

# Rectangle

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



5C2114



403300



003F54



003767



# Sweetspot

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



5C2114



78615C



5C1450



3D2F2C



BDBDBD



3D3D3D



# Same Dimension

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



5C2114



781C07



5C4414



2E2A29



6E1400



ED2B00



# Inverse Universe

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



144F5C



076478



142C5C



292D2E



005A6E

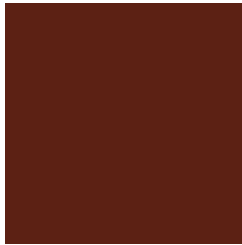


00C2ED



# Previews

## White Background



This preview shows how the Hex color 5C2114 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 5C2114 Background



This preview shows how black text looks on a background with the Hex color 5C2114.

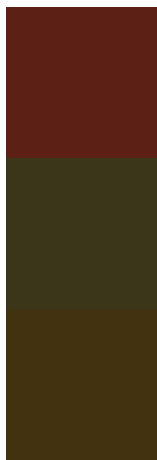


This preview shows how white text looks on a background with the Hex color 5C2114.

# 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**  
5C2114

**Protanopia**  
3B351A

**Deuteranopia**  
43320F



# Trichromacy



**Original Color**  
5C2114

**Protanomaly**  
472E18

**Deuteranomaly**  
4C2C11

**Tritanomaly**  
5C201C

# Monochromacy



**Original Color**  
5C2114

**Achromatopsia**  
313131

**Achromatomaly**  
412B26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2114 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 #5C2114 looks like.

```
.text, #text, p{  
    color:#5C2114  
}
```

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 #5C2114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2114
}
```

## Border

The CSS property to change the border of an element to Hex 5C2114 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".

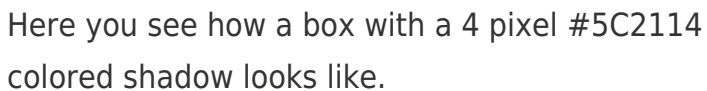
```
.border, #border, table{ border:4px solid
#5C2114 }
```

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

```
.border{ border-color:#5C2114 }
```

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

Here you see how a box with a 4 pixel #5C2114 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5C2114 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2114; -webkit-box-shadow:4px 4px  
4px 4px #5C2114; box-shadow:4px 4px 4px  
4px #5C2114 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2114 }
```

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

```
.background{ background-color:#5C2114 }
```

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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