

# Converting Colors

Hex(5C3F14)

Have a look what the booklet for  
Hex(5C3F14) contains.

<b>Hex(5C3F14)</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(5C3F14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C3F14
RGB	92, 63, 20
RGB Percent	36%, 25%, 8%
CMY	0.6392, 0.7529, 0.9216
CMYK	0.00, 0.32, 0.78, 0.64
HSL	36°, 64%, 22%
HSV	36°, 78%, 36%
XYZ	6.3174, 5.8808, 1.4640
YIQ	66.7690, 31.0870, -7.2250

# Conversions

## Conversions Part 2

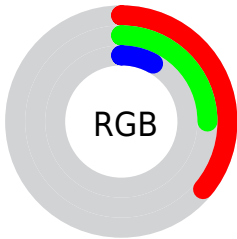
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 92, 20
Decimal	6045460
CIELab	29.11, 8.10, 30.22
CIELCh	29, 31.284, 74.998
Yxy	5.8808, 0.4624, 0.4304
Android (android.graphics.Color)	4284235540 (0xFF5C3F14)
YUV	66.7690, -23.0571, 22.1276
Hunter-Lab	24.2504, 4.0623, 13.3960

# Details

The Hex color **5C3F14** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **14315C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **916F41**, and **2A1500** is the 20% darker color. If you saturate the color by 10%, you get **5C3B0B**, and if you desaturate by 10%, it is **5C431D**.

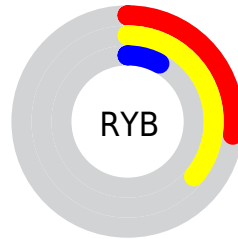
# Distribution



Red (36%)

Green (25%)

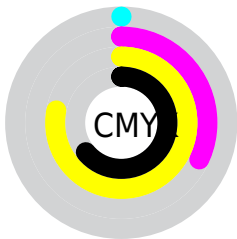
Blue (8%)



Red (27%)

Yellow (36%)

Blue (8%)

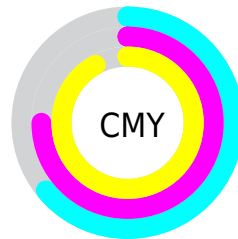


Cyan (0%)

Magenta (32%)

Yellow (78%)

Black (64%)



Cyan (64%)

Magenta (75%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C3F14 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 5C3F14 by changing the saturation by 10% instead.



 5C3F14

 5C3F14

 FFFFFB

 432900

 916F41

 2A1500

 AD8859

 0B0000

 C9A272

 000000

 E6BD8C

 FFD9A7

 FFF5C2

 FFFFDE

 5C3F14

 5C3F14

■ 5C3B0B

■ 5C431D

■ 5C3802

■ 5C4626

■ 5C3700

■ 5C4A30

■ 5C4E39

■ 5C5242

■ 5C554B

■ 5C5954

■ 5C5D5E

■ 5C6067

# Harmonies

## Analogous

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



6B3623



5C3F14



464712

# Triad

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



5C3F14



005150



563967

# Complementary

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



5C3F14



14315C

# 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.



2F4373



5C3F14



004F66

# Square

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



5C3F14



005037



004B73



6B3152

# Rectangle

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



5C3F14



354B1B



004B73



4B3D6C



# Sweetspot

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



5C3F14



786D5C



5C1432



3D362C



BDBDBD



3D3D3D



# Same Dimension

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



5C3F14



784A07



565C14



2E2C29



6E4100



ED8E00



# Inverse Universe

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



14315C



073578



1A145C



292B2E



002C6E



0060ED



# Previews

## White Background



This preview shows how the Hex color 5C3F14 looks on a white background.

## Color Contrast Check

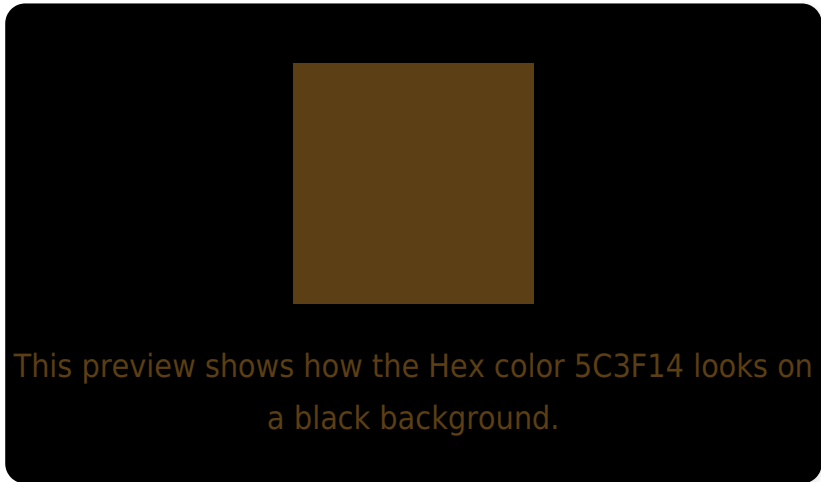
Large Text (above 18pt) WCAG AA ✓ Pass

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

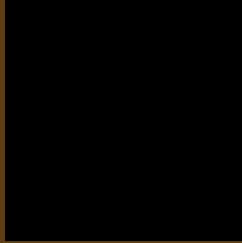
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C3F14 Background



This preview shows how black text looks on a background with the Hex color 5C3F14.



This preview shows how white text looks on a background with the Hex color 5C3F14.

# 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**  
5C3F14

**Protanopia**  
4D4516

**Deuteranopia**  
574213



**Tritanopia**  
5F3B3F

# Trichromacy



**Original Color**  
5C3F14

**Protanomaly**  
524315

**Deuteranomaly**  
594113

**Tritanomaly**  
5E3C2F

# Monochromacy



**Original Color**  
5C3F14

**Achromatopsia**  
434343

**Achromatomaly**  
4C4232

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C3F14 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 #5C3F14 looks like.

```
.text, #text, p{  
    color:#5C3F14  
}
```

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 #5C3F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3F14
}
```

## Border

The CSS property to change the border of an element to Hex 5C3F14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

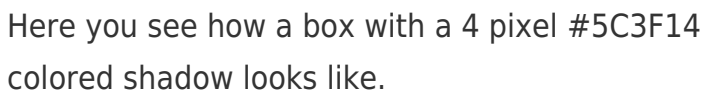
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C3F14 }
```

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

```
.border{ border-color:#5C3F14 }
```

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



Here you see how a box with a 4 pixel #5C3F14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3F14; -webkit-box-shadow:4px 4px  
4px 4px #5C3F14; box-shadow:4px 4px 4px  
4px #5C3F14 }
```

# Background

The CSS property to change the background color of an element to Hex 5C3F14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3F14 }
```

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

```
.background{ background-color:#5C3F14 }
```

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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