

# Converting Colors

Hex(5D1C1C)

Have a look what the booklet for  
Hex(5D1C1C) contains.

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# Color

**Hex(5D1C1C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D1C1C
RGB	93, 28, 28
RGB Percent	36%, 11%, 11%
CMY	0.6353, 0.8902, 0.8902
CMYK	0.00, 0.70, 0.70, 0.64
HSL	0°, 54%, 24%
HSV	0°, 70%, 36%
XYZ	5.1391, 3.2415, 1.4534
YIQ	47.4350, 38.7400, 13.7800

# Conversions

## Conversions Part 2

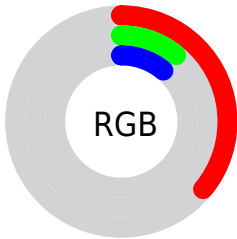
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 28, 28
Decimal	6102044
CIE <sub>Lab</sub>	20.99, 29.64, 16.33
CIE <sub>LCh</sub>	21, 33.843, 28.843
Yxy	3.2415, 0.5226, 0.3296
Android (android.graphics.Color)	4284292124 (0xFF5D1C1C)
YUV	47.4350, -9.5815, 39.9605
Hunter-Lab	18.0042, 19.4432, 7.8166

# Details

The Hex color **5D1C1C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C5D5D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **944C47**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5D1313**, and if you desaturate by 10%, it is **5D2525**.

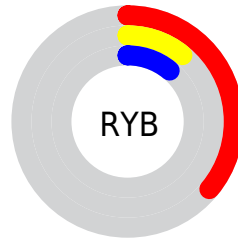
# Distribution



Red (36%)

Green (11%)

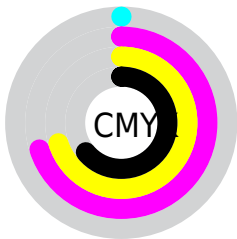
Blue (11%)



Red (36%)

Yellow (11%)

Blue (11%)

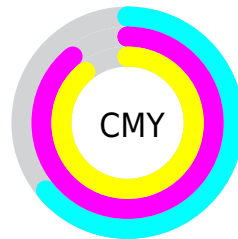


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (64%)



Cyan (64%)

Magenta (89%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D1C1C 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 5D1C1C by changing the saturation by 10% instead.



■ 5D1C1C

■ 5D1C1C

FFFFFF

■ 430302

■ 944C47

■ 2C0001

■ B0655F

■ 000000

■ CD7E78

■ EA9992

■ FFB4AC

■ FFD0C7

■ FFECE3

■ 5D1C1C

■ 5D1C1C

■ 5D1313

■ 5D2525

■ 5D0909

■ 5D2F2F

■ 5D0000

■ 5D3838

■ 5D4141

■ 5D4A4A

■ 5D5454

■ 5D5D5D

■ 5D6666

■ 5D7070

# Harmonies

## Analogous

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



5D1834



5D1C1C



522704

# Triad

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



5D1C1C



003C17



003665

# Complementary

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



5D1C1C



1C5D5D

# 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.



003B5D



5D1C1C



003E31

# Square

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



5D1C1C



273800



003E4A



2F2C5E

# Rectangle

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



5D1C1C



462E00



003E4A



003863



# Sweetspot

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



5D1C1C



785F5F



5D1C5D



3D2E2E



BDBDBD



3D3D3D



# Same Dimension

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



5D1C1C



781313



5D3D1C



2E2929



6E0000



ED0000



# Inverse Universe

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



1C5D5D



137878



1C3D5D



292E2E



006E6E

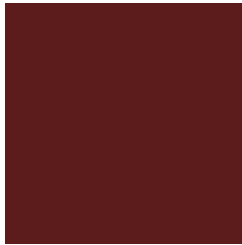


00EDED



# Previews

## White Background



This preview shows how the Hex color 5D1C1C looks on a white background.

## Color Contrast Check

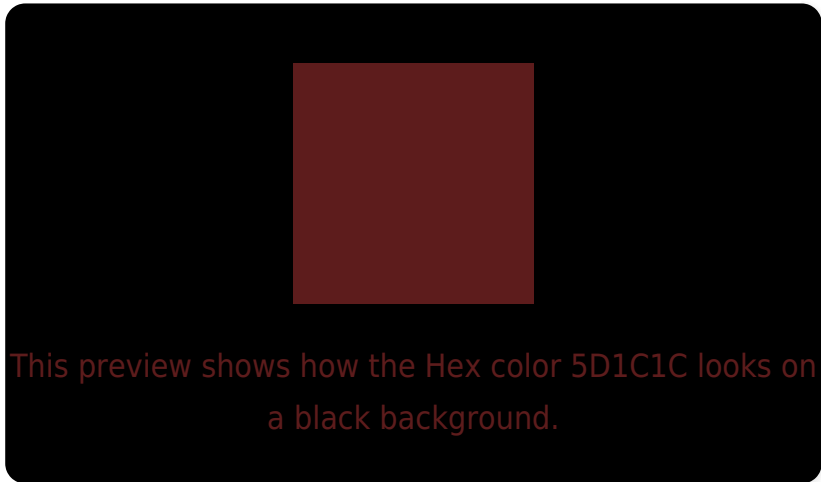
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D1C1C Background



This preview shows how black text looks on a background with the Hex color 5D1C1C.

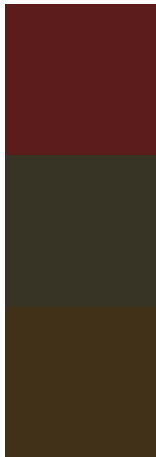


This preview shows how white text looks on a background with the Hex color 5D1C1C.

# 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**  
5D1C1C

**Protanopia**  
383425

**Deuteranopia**  
403118



**Tritanopia**  
5D1C1D

# Trichromacy



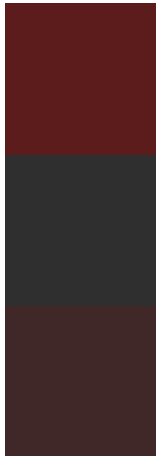
**Original Color**  
5D1C1C

**Protanomaly**  
452B22

**Deuteranomaly**  
4B2919

**Tritanomaly**  
5D1C1D

# Monochromacy



**Original Color**  
5D1C1C

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
402828

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D1C1C 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 #5D1C1C looks like.

```
.text, #text, p{  
    color:#5D1C1C  
}
```

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 #5D1C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1C1C }  
}
```

## Border

The CSS property to change the border of an element to Hex 5D1C1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

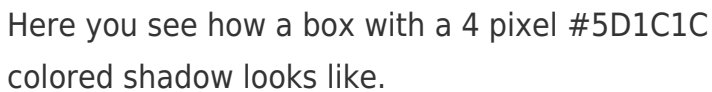
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #5D1C1C }  
}
```

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

```
.border{ border-color:#5D1C1C }
```

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



Here you see how a box with a 4 pixel #5D1C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1C1C; -webkit-box-shadow:4px 4px  
4px 4px #5D1C1C; box-shadow:4px 4px 4px  
4px #5D1C1C }
```

# Background

The CSS property to change the background color of an element to Hex 5D1C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1C1C }
```

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

```
.background{ background-color:#5D1C1C }
```

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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