

# Converting Colors

Hex(5D331D)

Have a look what the booklet for  
Hex(5D331D) contains.

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**Color**

**Hex(5D331D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D331D
RGB	93, 51, 29
RGB Percent	36%, 20%, 11%
CMY	0.6353, 0.8000, 0.8863
CMYK	0.00, 0.45, 0.69, 0.64
HSL	21°, 52%, 24%
HSV	21°, 69%, 36%
XYZ	5.9198, 4.7835, 1.7737
YIQ	61.0500, 32.0940, 2.0620

# Conversions

## Conversions Part 2

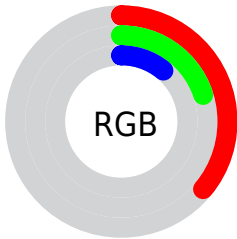
Format	Color
<b>RYB</b>	93, 63, 29
Decimal	6107933
CIELab	26.11, 16.69, 21.90
CIElCh	26, 27.537, 52.690
Yxy	4.7835, 0.4745, 0.3834
Android (android.graphics.Color)	4284298013 (0xFF5D331D)
YUV	61.0500, -15.8006, 28.0202
Hunter-Lab	21.8713, 10.0391, 10.5016




# Details

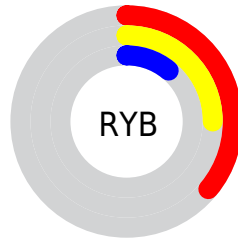
The Hex color **5D331D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D475D**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **926249**, and **2B0800** is the 20% darker color. If you saturate the color by 10%, you get **5D2D14**, and if you desaturate by 10%, it is **5D3926**.

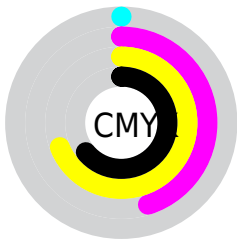
# Distribution







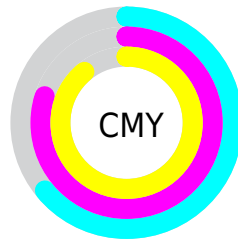
-  Red (36%)
-  Green (20%)
-  Blue (11%)






-  Red (36%)
-  Yellow (25%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (69%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (80%)
-  Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D331D 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 5D331D by changing the saturation by 10% instead.



 5D331D

 5D331D

FFFFFF

 441D05

 926249

 2B0800

 AE7B61

 000000

 CA957A

 E7B094

 FFCBAF

 FFE7CA

 FFFFE7

 5D331D

 5D331D

■ 5D2D14

■ 5D3926

■ 5D270A

■ 5D3F30

■ 5D2101

■ 5D4539

■ 5D2000

■ 5D4B42

■ 5D524B

■ 5D5855

■ 5D5E5E

■ 5D6467

■ 5D6A71

# Harmonies

## Analogous

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



642D2F



5D331D



4E3B13

# Triad

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



5D331D



004838



363A64

# Complementary

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



5D331D



1D475D

# 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.



004267



5D331D



00484D

# Square

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



5D331D



204623



00465F



533257

# Rectangle

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



5D331D



413F13



00465F



293D67



# Sweetspot

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



5D331D



78675F



5D1D48



3D332E



BDBDBD



3D3D3D



# Same Dimension

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



5D331D



783714



5D521D



2E2B29



6E2600



ED5200



# Inverse Universe

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



1D475D



145678



1D285D



292C2E



00486E



009CED



# Previews

## White Background



This preview shows how the Hex color 5D331D 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 5D331D Background



This preview shows how black text looks on a background with the Hex color 5D331D.

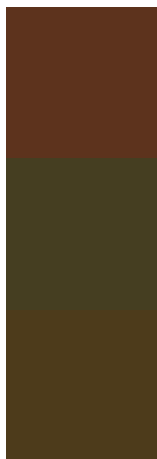


This preview shows how white text looks on a background with the Hex color 5D331D.

# 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**  
5D331D

**Protanopia**  
453E21

**Deuteranopia**  
4D3B1B



**Tritanopia**  
5E3034

# Trichromacy



**Original Color**  
5D331D

**Protanomaly**  
4E3A20

**Deuteranomaly**  
53381C

**Tritanomaly**  
5E312C

# Monochromacy



**Original Color**  
5D331D

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
493931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D331D 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 #5D331D looks like.

```
.text, #text, p{  
    color:#5D331D  
}
```

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 #5D331D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D331D
}
```

## Border

The CSS property to change the border of an element to Hex 5D331D 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
#5D331D }
```

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

```
.border{ border-color:#5D331D }
```

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

Here you see how a box with a 4 pixel #5D331D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D331D; -webkit-box-shadow:4px 4px  
4px 4px #5D331D; box-shadow:4px 4px 4px  
4px #5D331D }
```

# Background

The CSS property to change the background color of an element to Hex 5D331D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D331D }
```

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

```
.background{ background-color:#5D331D }
```

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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