

Converting Colors

Hex(5E291D)

Have a look what the booklet for
Hex(5E291D) contains.

Hex(5E291D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E291D)

Conversions

Conversions Part 1

Format	Color
Hex	5E291D
RGB	94, 41, 29
RGB Percent	37%, 16%, 11%
CMY	0.6314, 0.8392, 0.8863
CMYK	0.00, 0.56, 0.69, 0.63
HSL	11°, 53%, 24%
HSV	11°, 69%, 37%
XYZ	5.6308, 4.0543, 1.6482
YIQ	55.4790, 35.4400, 7.5040

Conversions

Conversions Part 2

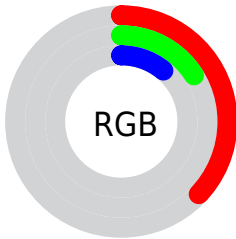
Format	Color
RYB	94, 44, 29
Decimal	6170909
CIELab	23.85, 23.15, 19.23
CIELCh	24, 30.096, 39.721
Yxy	4.0543, 0.4968, 0.3577
Android (android.graphics.Color)	4284360989 (0xFF5E291D)
YUV	55.4790, -13.0541, 33.7829
Hunter-Lab	20.1352, 14.6808, 9.2415

Details

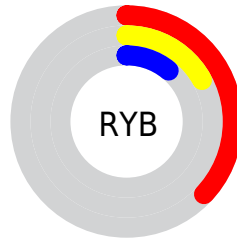
The Hex color **5E291D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D525E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **945849**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5E2114**, and if you desaturate by 10%, it is **5E3126**.

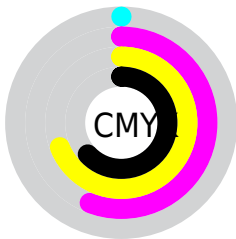
Distribution



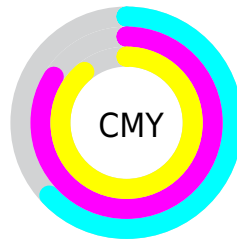
- Red (37%)
- Green (16%)
- Blue (11%)



- Red (37%)
- Yellow (17%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (69%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E291D 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 5E291D by changing the saturation by 10% instead.

 5E291D

 5E291D

FFFFFF

 441305

 945849

 2C0000

 B07161

 000000

 CC8A7A

 EAA593

 FFC0AE

 FFDCCA

 FFF9E6

 5E291D

 5E291D

■ 5E2114

■ 5E3126

■ 5E1A0A

■ 5E3830

■ 5E1201

■ 5E4039

■ 5E1100

■ 5E4843

■ 5E4F4C

■ 5E5755

■ 5E5F5F

■ 5E6668

■ 5E6E72

Harmonies

Analogous

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



622432



5E291D



51320C

Triad

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



5E291D



004328



183965

Complementary

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



5E291D



1D525E

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.



003F63



5E291D



004440

Square

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



5E291D



253F14



004355



43305C

Rectangle

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



5E291D



453807



004355



003B66

Sweetspot

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



5E291D



7A6561



5E1D52



3D312E



BDBDBD



3D3D3D

Same Dimension

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



5E291D



7A2815



5E491D



2E2A29



6E1400



ED2C00

Inverse Universe

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



1D525E



15687A



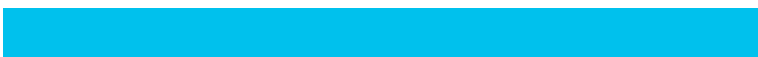
1D325E



292D2E



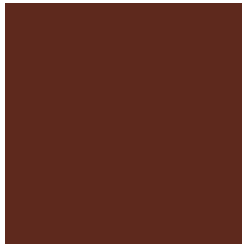
00596E



00C1ED

Previews

White Background



This preview shows how the Hex color 5E291D 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 5E291D Background



This preview shows how black text looks on a background with the Hex color 5E291D.

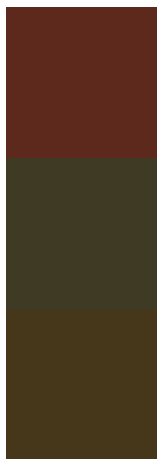


This preview shows how white text looks on a background with the Hex color 5E291D.

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
5E291D

Protanopia
3F3A23

Deuteranopia
47371A



Tritanopia
5F272A

Trichromacy



Original Color
5E291D

Protanomaly
4A3421

Deuteranomaly
4F321B

Tritanomaly
5F2825

Monochromacy



Original Color
5E291D

Achromatopsia
373737

Achromatomaly
45322E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E291D 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 #5E291D looks like.

```
.text, #text, p{  
    color:#5E291D  
}
```

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 #5E291D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E291D
}
```

Border

The CSS property to change the border of an element to Hex 5E291D 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".

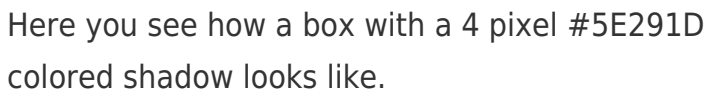
```
.border, #border, table{ border:4px solid
#5E291D }
```

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

```
.border{ border-color:#5E291D }
```

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

Here you see how a box with a 4 pixel #5E291D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E291D; -webkit-box-shadow:4px 4px  
4px 4px #5E291D; box-shadow:4px 4px 4px  
4px #5E291D }
```

Background

The CSS property to change the background color of an element to Hex 5E291D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E291D }
```

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

```
.background{ background-color:#5E291D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor