

Converting Colors

Hex(5E1D01)

Have a look what the booklet for
Hex(5E1D01) contains.

| | |
|--|----|
| Hex(5E1D01) | 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(5E1D01)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5E1D01 |
| RGB | 94, 29, 1 |
| RGB Percent | 37%, 11%, 0% |
| CMY | 0.6314, 0.8863, 0.9961 |
| CMYK | 0.00, 0.69, 0.99, 0.63 |
| HSL | 18°, 98%, 19% |
| HSV | 18°, 99%, 37% |
| XYZ | 5.0609, 3.2606, 0.3913 |
| YIQ | 45.2430, 47.7280, 5.0720 |

Conversions

Conversions Part 2

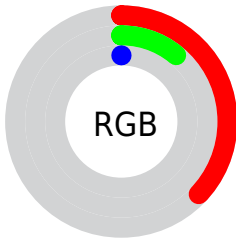
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 94, 41, 1 |
| Decimal | 6167809 |
| CIELab | 21.06, 28.37, 30.71 |
| CIElCh | 21, 41.809, 47.270 |
| Yxy | 3.2606, 0.5809, 0.3742 |
| Android (android.graphics.Color) | 4284357889 (0xFF5E1D01) |
| YUV | 45.2430, -21.8118, 42.7599 |
| Hunter-Lab | 18.0571, 18.4288, 11.3551 |

Details

The Hex color **5E1D01** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **01425E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **964C30**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **5E1C00**, and if you desaturate by 10%, it is **5E240A**.

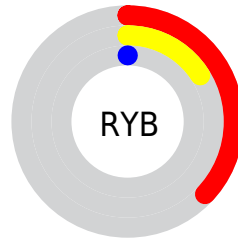
Distribution



Red (37%)

Green (11%)

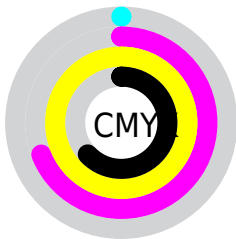
Blue (0%)



Red (37%)

Yellow (16%)

Blue (0%)

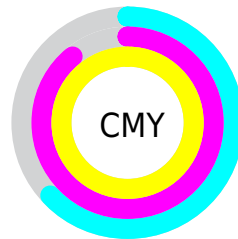


Cyan (0%)

Magenta (69%)

Yellow (99%)

Black (63%)



Cyan (63%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1D01 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 5E1D01 by changing the saturation by 10% instead.

 5E1D01

 5E1D01

 FFFFE4

 430400

 964C30

 2B0001

 B36547

 000000

 D07F5F

 EE9978

 FFB491

 FFD0AC

 FFECC8

 5E1D01

 5E1D01

■ 5E1C00

■ 5E240A

■ 5E2A14

■ 5E311D

■ 5E3727

■ 5E3E30

■ 5E4439

■ 5E4B43

■ 5E524C

■ 5E5856

Harmonies

Analogous

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



670B22



5E1D01



4A2C00

Triad

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



5E1D01



003F24



00306E

Complementary

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



5E1D01



01425E

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.



003A6F



5E1D01



004044

Square

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



5E1D01



003C00



003F60



49205D

Rectangle

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



5E1D01



393400



003F60



003470

Sweetspot

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



5E1D01



7A6156



5E0142



3D2E27



BDBDBD



3D3D3D

Same Dimension

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



5E1D01



7A2500



5E4B01



2E2B29



6E2100



ED4700

Inverse Universe

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



01425E



00567A



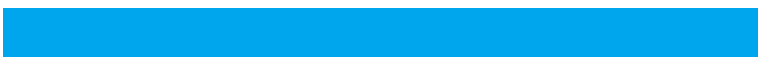
01145E



292D2E



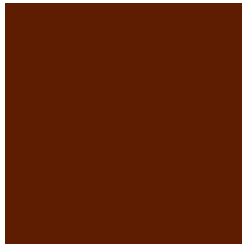
004D6E



00A6ED

Previews

White Background



This preview shows how the Hex color 5E1D01 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

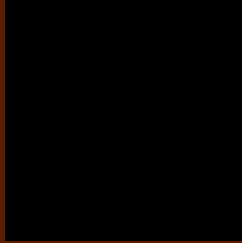
Any Text WCAG AA × Fail

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 5E1D01 Background



This preview shows how black text looks on a background with the Hex color 5E1D01.



This preview shows how white text looks on a background with the Hex color 5E1D01.

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
5E1D01

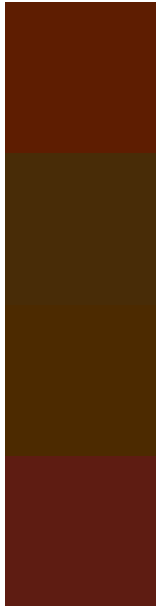
Protanopia
3B340A

Deuteranopia
423200



Tritanopia
5E1B1C

Trichromacy



Original Color
5E1D01

Protanomaly
482C07

Deuteranomaly
4C2A00

Tritanomaly
5E1C12

Monochromacy



Original Color
5E1D01

Achromatopsia
2D2D2D

Achromatomaly
3F271D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1D01 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 #5E1D01 looks like.

```
.text, #text, p{  
    color:#5E1D01  
}
```

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 #5E1D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1D01
}
```

Border

The CSS property to change the border of an element to Hex 5E1D01 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".

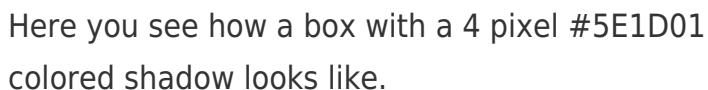
```
.border, #border, table{ border:4px solid
#5E1D01 }
```

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

```
.border{ border-color:#5E1D01 }
```

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

Here you see how a box with a 4 pixel #5E1D01 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1D01; -webkit-box-shadow:4px 4px  
4px 4px #5E1D01; box-shadow:4px 4px 4px  
4px #5E1D01 }
```

Background

The CSS property to change the background color of an element to Hex 5E1D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1D01 }
```

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

```
.background{ background-color:#5E1D01 }
```

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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