

# Converting Colors

Hex(5E1900)

Have a look what the booklet for  
Hex(5E1900) contains.

<b>Hex(5E1900)</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(5E1900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E1900
RGB	94, 25, 0
RGB Percent	37%, 10%, 0%
CMY	0.6314, 0.9020, 1.0000
CMYK	0.00, 0.73, 1.00, 0.63
HSL	16°, 100%, 18%
HSV	16°, 100%, 37%
XYZ	4.9637, 3.0749, 0.3319
YIQ	42.7810, 49.1490, 6.8530

# Conversions

## Conversions Part 2

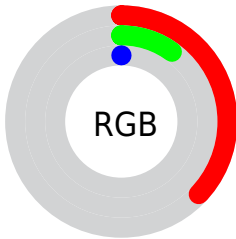
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 34, 0
Decimal	6166784
CIELab	20.34, 30.25, 30.32
CIELCh	20, 42.831, 45.072
Yxy	3.0749, 0.5930, 0.3674
Android (android.graphics.Color)	4284356864 (0xFF5E1900)
YUV	42.7810, -21.0910, 44.9191
Hunter-Lab	17.5355, 19.8403, 11.1526

# Details

The Hex color **5E1900** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00455E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **96492F**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **5E1900**, and if you desaturate by 10%, it is **5E2009**.

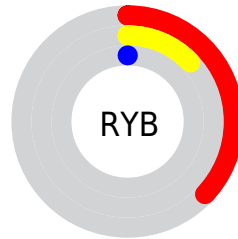
# Distribution



Red (37%)

Green (10%)

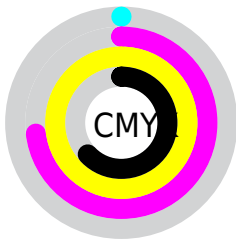
Blue (0%)



Red (37%)

Yellow (13%)

Blue (0%)

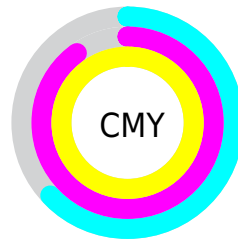


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (90%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E1900 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 5E1900 by changing the saturation by 10% instead.



 5E1900

 5E1900

 FFFFE3

 420000

 96492F

 2B0001

 B36246

 000000

 D17B5E

 EE9677

 FFB190

 FFCCAB

 FFE9C7

 5E1900

■ 5E2009

■ 5E2713

■ 5E2E1C

■ 5E3526

■ 5E3C2F

■ 5E4238

■ 5E4942

■ 5E504B

■ 5E5755

# Harmonies

## Analogous

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



670423



5E1900



4A2A00

# Triad

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



5E1900



003D20



00306F

# Complementary

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



5E1900



00455E

# 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.



00396E



5E1900



003E41

# Square

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



5E1900



023A00



003D5D



451F5E

# Rectangle

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



5E1900



393200



003D5D



003470



# Sweetspot

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



5E1900



7A5F56



5E0047



3D2D27



BDBDBD



3D3D3D



# Same Dimension

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



5E1900



7A2100



5E4700



2E2B29



6E1D00



ED3F00



# Inverse Universe

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



00455E



005A7A



00185E



292D2E



00506E

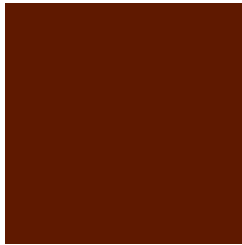


00AEED



# Previews

## White Background



This preview shows how the Hex color 5E1900 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

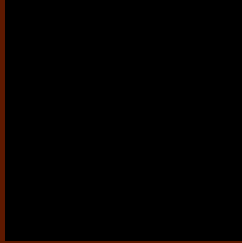
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E1900 Background



This preview shows how black text looks on a background with the Hex color 5E1900.



This preview shows how white text looks on a background with the Hex color 5E1900.

# 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**  
5E1900

**Protanopia**  
39330B

**Deuteranopia**  
403000



**Tritanopia**  
5E1718

# Trichromacy



**Original Color**

5E1900

**Protanomaly**

462A07

**Deuteranomaly**

4B2800

**Tritanomaly**

5E180F

# Monochromacy



**Original Color**

5E1900

**Achromatopsia**

2B2B2B

**Achromatomaly**

3E241B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E1900 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 #5E1900 looks like.

```
.text, #text, p{  
    color:#5E1900  
}
```

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 #5E1900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1900
}
```

## Border

The CSS property to change the border of an element to Hex 5E1900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

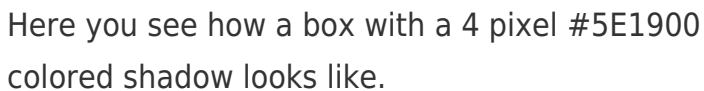
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E1900 }
```

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

```
.border{ border-color:#5E1900 }
```

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



Here you see how a box with a 4 pixel #5E1900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1900; -webkit-box-shadow:4px 4px  
4px 4px #5E1900; box-shadow:4px 4px 4px  
4px #5E1900 }
```

# Background

The CSS property to change the background color of an element to Hex 5E1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1900 }
```

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

```
.background{ background-color:#5E1900 }
```

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**