

# Converting Colors

Hex(5E1100)

Have a look what the booklet for  
Hex(5E1100) contains.

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**Color**

**Hex(5E1100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E1100
RGB	94, 17, 0
RGB Percent	37%, 7%, 0%
CMY	0.6314, 0.9333, 1.0000
CMYK	0.00, 0.82, 1.00, 0.63
HSL	11°, 100%, 18%
HSV	11°, 100%, 37%
XYZ	4.8165, 2.7806, 0.2828
YIQ	38.0850, 51.3490, 11.0370

# Conversions

## Conversions Part 2

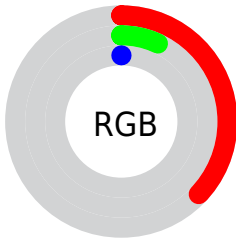
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 21, 0
Decimal	6164736
CIELab	19.14, 33.55, 28.96
CIElCh	19, 44.319, 40.800
Yxy	2.7806, 0.6112, 0.3529
Android (android.graphics.Color)	4284354816 (0xFF5E1100)
YUV	38.0850, -18.7759, 49.0375
Hunter-Lab	16.6751, 22.3778, 10.6669

# Details

The Hex color **5E1100** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004D5E**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **96432F**, and **2A0001** is the 20% darker color. If you saturate the color by 10%, you get **5E1100**, and if you desaturate by 10%, it is **5E1909**.

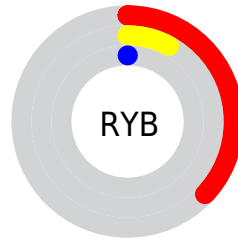
# Distribution



Red (37%)

Green (7%)

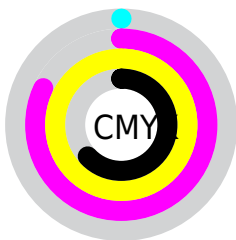
Blue (0%)



Red (37%)

Yellow (8%)

Blue (0%)

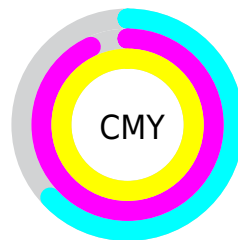


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E1100 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 5E1100 by changing the saturation by 10% instead.



 5E1100

 5E1100

 FFFFE2

 420000

 96432F

 2A0001

 B45C45

 000000

 D1755D

 EF9076

 FFAB90

 FFC6AB

 FFE3C6

 5E1100

 5E1909

 5E2013

 5E281C

 5E3026

 5E382F

 5E3F38

 5E4742

 5E4F4B

 5E5655

# Harmonies

## Analogous

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



650024



5E1100



4B2500

# Triad

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



5E1100



003A18



002F6F

# Complementary

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



5E1100



004D5E

# 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.



00386C



5E1100



003C3A

# Square

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



5E1100



083700



003B58



3C1F60

# Rectangle

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



5E1100



3A2E00



003B58



003370



# Sweetspot

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



5E1100



7A5C56



5E004E



3D2B27



BDBDBD



3D3D3D



# Same Dimension

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



5E1100



7A1600



5E3F00



2E2A29



6E1400



ED2B00



# Inverse Universe

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



004D5E



00647A



001F5E



292D2E



005A6E

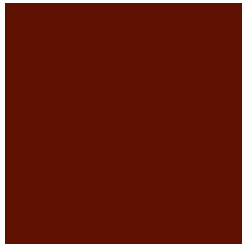


00C2ED



# Previews

## White Background



This preview shows how the Hex color 5E1100 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

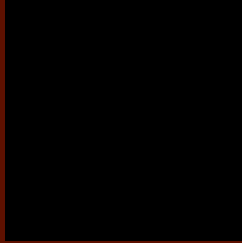
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E1100 Background



This preview shows how black text looks on a background with the Hex color 5E1100.



This preview shows how white text looks on a background with the Hex color 5E1100.

# 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**  
5E1100

**Protanopia**  
37310B

**Deuteranopia**  
3E2F00



**Tritanopia**  
5E100F

# Trichromacy



**Original Color**  
5E1100

**Protanomaly**  
452507

**Deuteranomaly**  
4A2400

**Tritanomaly**  
5E100A

# Monochromacy



**Original Color**  
5E1100

**Achromatopsia**  
262626

**Achromatomaly**  
3A1E18

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E1100 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 #5E1100 looks like.

```
.text, #text, p{  
    color:#5E1100  
}
```

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 #5E1100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1100  
}
```

## Border

The CSS property to change the border of an element to Hex 5E1100 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  
#5E1100 }
```

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

```
.border{ border-color:#5E1100 }
```

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

Here you see how a box with a 4 pixel #5E1100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1100; -webkit-box-shadow:4px 4px  
4px 4px #5E1100; box-shadow:4px 4px 4px  
4px #5E1100 }
```

# Background

The CSS property to change the background color of an element to Hex 5E1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1100 }
```

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

```
.background{ background-color:#5E1100 }
```

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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