

# Converting Colors

Hex(581100)

Have a look what the booklet for  
Hex(581100) contains.

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**Color**

**Hex(581100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	581100
RGB	88, 17, 0
RGB Percent	35%, 7%, 0%
CMY	0.6549, 0.9333, 1.0000
CMYK	0.00, 0.81, 1.00, 0.65
HSL	12°, 100%, 17%
HSV	12°, 100%, 35%
XYZ	4.2250, 2.4756, 0.2552
YIQ	36.2910, 47.7730, 9.7650

# Conversions

## Conversions Part 2

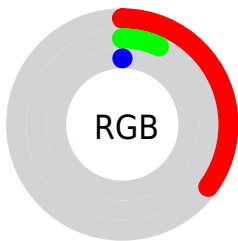
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 21, 0
Decimal	5771520
CIELab	17.81, 31.39, 27.05
CIELCh	18, 41.443, 40.752
Yxy	2.4756, 0.6074, 0.3559
Android (android.graphics.Color)	4283961600 (0xFF581100)
YUV	36.2910, -17.8915, 45.3488
Hunter-Lab	15.7341, 20.3967, 10.0523

# Details

The Hex color **581100** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004758**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **90422F**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **581100**, and if you desaturate by 10%, it is **581809**.

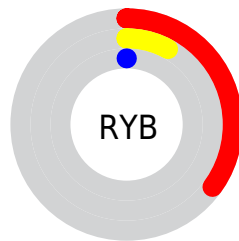
# Distribution



Red (35%)

Green (7%)

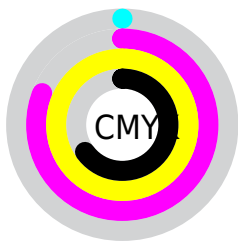
Blue (0%)



Red (35%)

Yellow (8%)

Blue (0%)

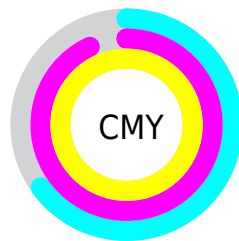


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 581100 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 581100 by changing the saturation by 10% instead.



 581100

 581100

 FFFEE2

 3D0000

 90422F

 240001

 AC5B45

 000000

 CA745D

 E78E76

 FFA990

 FFC5AB

 FFE1C6

 581100

■ 581809

■ 581F12

■ 58261A

■ 582D23

■ 58352C

■ 583C35

■ 58433E

■ 584A46

■ 58514F

# Harmonies

## Analogous

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



5E0022



581100



462300

# Triad

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



581100



003716



002C67

# Complementary

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



581100



004758

# 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.



003465



581100



003836

# Square

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



581100



0A3400



003852



381D59

# Rectangle

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



581100



362B00



003852



002F68



# Sweetspot

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



581100



735750



580048



3B2A26



BABABA



3B3B3B



# Same Dimension

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



581100



731600



583C00



2B2827



6B1500



EB2D00



# Inverse Universe

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



004758



005D73



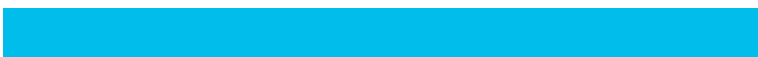
001C58



272B2B



00566B

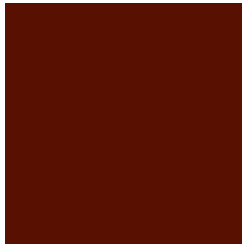


00BDEB



# Previews

## White Background



This preview shows how the Hex color 581100 looks on a white background.

## Color Contrast Check

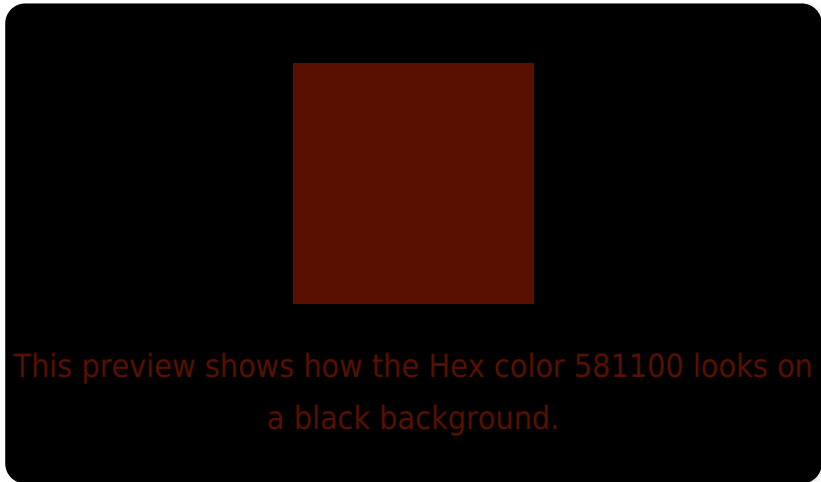
Large Text (above 18pt) WCAG AA ✓ Pass

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

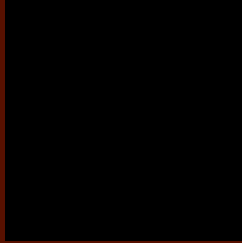
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 581100 Background



This preview shows how black text looks on a background with the Hex color 581100.



This preview shows how white text looks on a background with the Hex color 581100.

# 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**  
581100

**Protanopia**  
342E0B

**Deuteranopia**  
3A2C00



**Tritanopia**  
581010

# Trichromacy



**Original Color**  
581100

**Protanomaly**  
412307

**Deuteranomaly**  
452200

**Tritanomaly**  
58100A

# Monochromacy



**Original Color**  
581100

**Achromatopsia**  
242424

**Achromatomaly**  
371D17

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 581100 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 #581100 looks like.

```
.text, #text, p{  
    color:#581100  
}
```

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 #581100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581100
}
```

## Border

The CSS property to change the border of an element to Hex 581100 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".

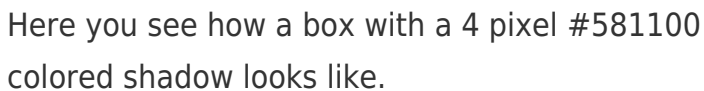
```
.border, #border, table{ border:4px solid
#581100 }
```

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

```
.border{ border-color:#581100 }
```

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

Here you see how a box with a 4 pixel #581100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581100; -webkit-box-shadow:4px 4px  
4px 4px #581100; box-shadow:4px 4px 4px  
4px #581100 }
```

# Background

The CSS property to change the background color of an element to Hex 581100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581100 }
```

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

```
.background{ background-color:#581100 }
```

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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