

# Converting Colors

Hex(57311A)

Have a look what the booklet for  
Hex(57311A) contains.

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**Color**

**Hex(57311A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57311A
RGB	87, 49, 26
RGB Percent	34%, 19%, 10%
CMY	0.6588, 0.8078, 0.8980
CMYK	0.00, 0.44, 0.70, 0.66
HSL	23°, 54%, 22%
HSV	23°, 70%, 34%
XYZ	5.2152, 4.2974, 1.5319
YIQ	57.7400, 30.0310, 0.9030

# Conversions

## Conversions Part 2

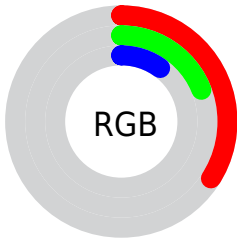
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 63, 26
Decimal	5714202
CIELab	24.63, 14.86, 21.77
CIELCh	25, 26.361, 55.680
Yxy	4.2974, 0.4722, 0.3891
Android (android.graphics.Color)	4283904282 (0xFF57311A)
YUV	57.7400, -15.6478, 25.6610
Hunter-Lab	20.7303, 8.6284, 10.1299

# Details

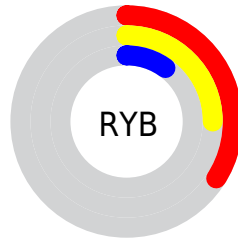
The Hex color **57311A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A4057**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8C6046**, and **260500** is the 20% darker color. If you saturate the color by 10%, you get **572C11**, and if you desaturate by 10%, it is **573623**.

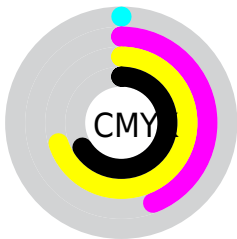
# Distribution



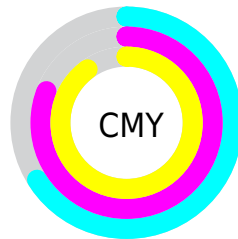
- Red (34%)
- Green (19%)
- Blue (10%)



- Red (34%)
- Yellow (25%)
- Blue (10%)



- Cyan (0%)
- Magenta (44%)
- Yellow (70%)
- Black (66%)



- Cyan (66%)
- Magenta (81%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57311A 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 57311A by changing the saturation by 10% instead.



 57311A

 57311A

FFFFFF

 3E1C00

 8C6046

 260500

 A7785E

 000000

 C39277

 E0AD90

 FDC8AB

 FFE4C6

 FFFFE2

 57311A

 57311A

■ 572C11

■ 573623

■ 572609

■ 573C2B

■ 572100

■ 574134

■ 57473D

■ 574C46

■ 57524E

■ 575757

■ 575C60

■ 576268

# Harmonies

## Analogous

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



5F2B2A



57311A



483811

# Triad

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



57311A



004437



37365E

# Complementary

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



57311A



1A4057

# 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.



043E62



57311A



00444B

# Square

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



57311A



1C4223



00425B



502E51

# Rectangle

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



57311A



3C3D12



00425B



2B3961



# Sweetspot

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



57311A



706259



571A41



382F2A



B8B8B8



383838



# Same Dimension

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



57311A



703512



574F1A



2B2927



6B2800



EB5800



# Inverse Universe

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



1A4057



124D70



1A2257



272A2B



00436B



0092EB



# Previews

## White Background



This preview shows how the Hex color 57311A looks on a white background.

## Color Contrast Check

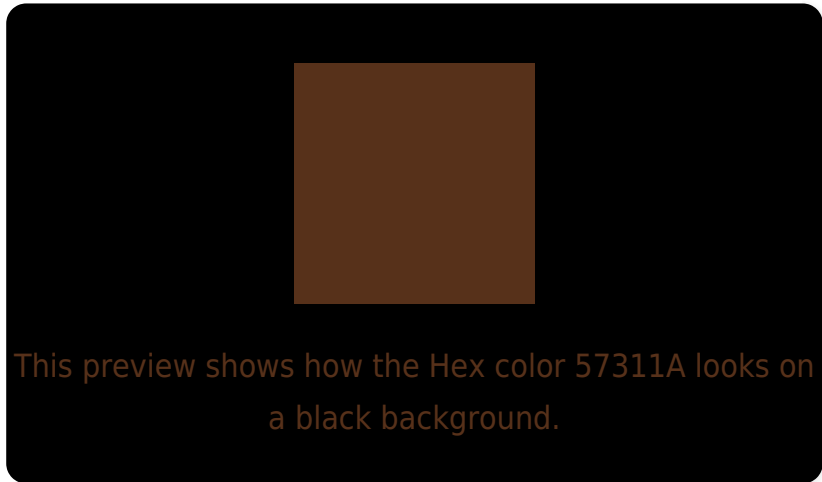
Large Text (above 18pt) WCAG AA ✓ Pass

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

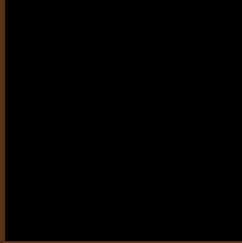
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57311A Background



This preview shows how black text looks on a background with the Hex color 57311A.



This preview shows how white text looks on a background with the Hex color 57311A.

# 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**  
57311A

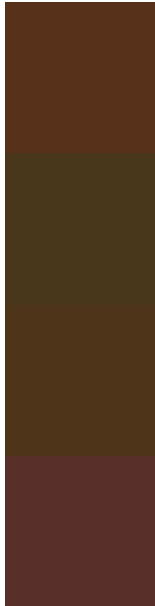
**Protanopia**  
413B1D

**Deuteranopia**  
493818



**Tritanopia**  
582E32

# Trichromacy



**Original Color**  
57311A

**Protanomaly**  
49371C

**Deuteranomaly**  
4E3519

**Tritanomaly**  
582F29

# Monochromacy



**Original Color**  
57311A

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
45372E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57311A 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 #57311A looks like.

```
.text, #text, p{  
    color:#57311A  
}
```

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 #57311A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57311A
}
```

## Border

The CSS property to change the border of an element to Hex 57311A 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
#57311A }
```

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

```
.border{ border-color:#57311A }
```

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

Here you see how a box with a 4 pixel #57311A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57311A; -webkit-box-shadow:4px 4px  
4px 4px #57311A; box-shadow:4px 4px 4px  
4px #57311A }
```

# Background

The CSS property to change the background color of an element to Hex 57311A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57311A }
```

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

```
.background{ background-color:#57311A }
```

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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