

# Converting Colors

Hex(57191C)

Have a look what the booklet for  
Hex(57191C) contains.

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# Color

**Hex(57191C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57191C
RGB	87, 25, 28
RGB Percent	34%, 10%, 11%
CMY	0.6588, 0.9020, 0.8902
CMYK	0.00, 0.71, 0.68, 0.66
HSL	357°, 55%, 22%
HSV	357°, 71%, 34%
XYZ	4.4877, 2.8053, 1.4036
YIQ	43.8800, 35.9890, 14.0770

# Conversions

## Conversions Part 2

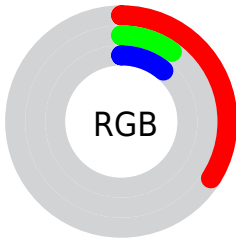
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 25, 28
Decimal	5708060
CIELab	19.25, 28.79, 13.88
CIElCh	19, 31.960, 25.732
Yxy	2.8053, 0.5160, 0.3226
Android (android.graphics.Color)	4283898140 (0xFF57191C)
YUV	43.8800, -7.8288, 37.8162
Hunter-Lab	16.7491, 18.5157, 6.7559




# Details

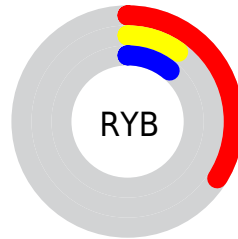
The Hex color **57191C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **195754**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **8D4847**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **571014**, and if you desaturate by 10%, it is **572224**.

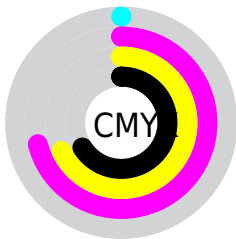
# Distribution







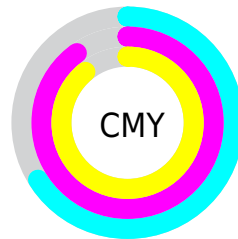
-  Red (34%)
-  Green (10%)
-  Blue (11%)






-  Red (34%)
-  Yellow (10%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (68%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (90%)
-  Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57191C 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 57191C by changing the saturation by 10% instead.



 57191C

 57191C

FFFFFF

 3E0102

 8D4847

 270001

 A9615F

 000000

 C57B78

 E29591

 FF80AC

 FFCBC7

 FFE8E3

 57191C

 57191C

■ 571014

■ 572224

■ 57080B

■ 572A2D

■ 570004

■ 573335

■ 573C3D

■ 574545

■ 574D4E

■ 575656

■ 575F5E

■ 576767

# Harmonies

## Analogous

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



561733



57191C



4E2304

# Triad

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



57191C



013713



00325D

# Complementary

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



57191C



195754

# 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.



003755



57191C



00392A

# Square

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



57191C



273300



003942



272A59

# Rectangle

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



57191C



432900



003942



00345C



# Sweetspot

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



57191C



70595A



541957



382A2B



B8B8B8



383838



# Same Dimension

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



57191C



701014



573519



2B2727



6B0005



EB000B



# Inverse Universe

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



57191C



701014



193B57



2B2727



6B0005

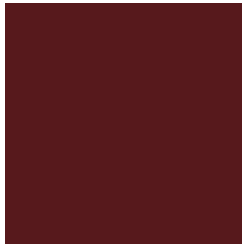


EB000B



# Previews

## White Background



This preview shows how the Hex color 57191C 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 57191C Background



This preview shows how black text looks on a background with the Hex color 57191C.

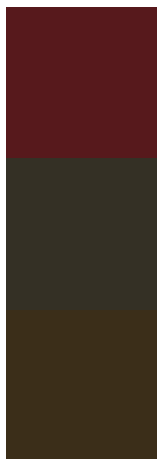


This preview shows how white text looks on a background with the Hex color 57191C.

# 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**  
57191C

**Protanopia**  
343025

**Deuteranopia**  
3B2E19



**Tritanopia**  
57191A

# Trichromacy



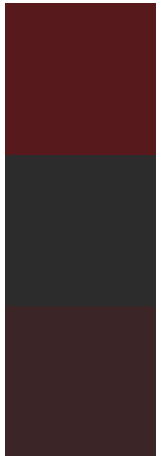
**Original Color**  
57191C

**Protanomaly**  
412822

**Deuteranomaly**  
45261A

**Tritanomaly**  
57191B

# Monochromacy



**Original Color**  
57191C

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
3C2526

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57191C 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 #57191C looks like.

```
.text, #text, p{  
    color:#57191C  
}
```

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 #57191C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57191C }  
}
```

## Border

The CSS property to change the border of an element to Hex 57191C is called "border". The border property can be set on classes, ids or directly on the HTML element.

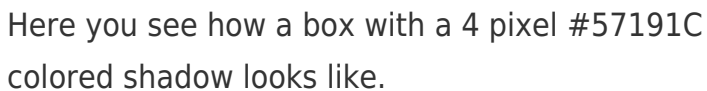
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #57191C }  
}
```

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

```
.border{ border-color:#57191C }
```

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



Here you see how a box with a 4 pixel #57191C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57191C; -webkit-box-shadow:4px 4px  
4px 4px #57191C; box-shadow:4px 4px 4px  
4px #57191C }
```

# Background

The CSS property to change the background color of an element to Hex 57191C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57191C }
```

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

```
.background{ background-color:#57191C }
```

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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