

# Converting Colors

Hex(570817)

Have a look what the booklet for  
Hex(570817) contains.

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**Color**

**Hex(570817)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	570817
RGB	87, 8, 23
RGB Percent	34%, 3%, 9%
CMY	0.6588, 0.9686, 0.9098
CMYK	0.00, 0.91, 0.74, 0.66
HSL	349°, 83%, 19%
HSV	349°, 91%, 34%
XYZ	4.1720, 2.2618, 1.0273
YIQ	33.3310, 42.2690, 21.4130

# Conversions

## Conversions Part 2

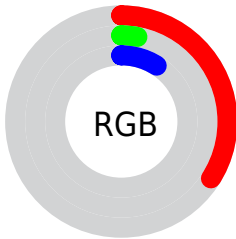
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 8, 23
Decimal	5703703
CIE Lab	16.81, 34.97, 14.30
CIE LCh	17, 37.784, 22.237
Yxy	2.2618, 0.5592, 0.3031
Android (android.graphics.Color)	4283893783 (0xFF570817)
YUV	33.3310, -5.0932, 47.0677
Hunter-Lab	15.0392, 23.1986, 6.4775

# Details

The Hex color **570817** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **085748**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **8E3D41**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **570011**, and if you desaturate by 10%, it is **57111E**.

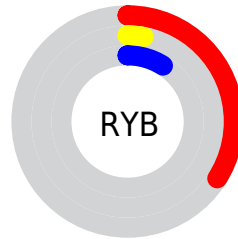
# Distribution



Red (34%)

Green (3%)

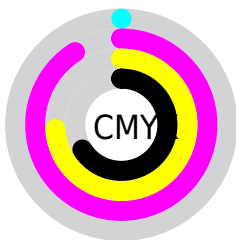
Blue (9%)



Red (34%)

Yellow (3%)

Blue (9%)

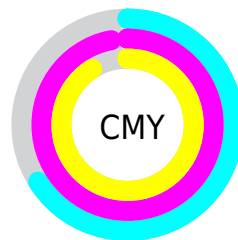


Cyan (0%)

Magenta (91%)

Yellow (74%)

Black (66%)



Cyan (66%)

Magenta (97%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 570817 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 570817 by changing the saturation by 10% instead.



 570817

 570817

 FFF9F8

 3D0000

 8E3D41

 230001

 AA5659

 000000

 C76F71

 E5898B

 FFA4A5

 FFC0C0

 FFDCDC

 570817

 570817

■ 570011

■ 57111E

■ 571925

■ 57222C

■ 572B33

■ 57343A

■ 573C41

■ 574548

■ 574E4F

■ 575656

# Harmonies

## Analogous

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



550532



570817



4D1900

# Triad

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



570817



003201



002F60

# Complementary

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



570817



085748

# 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.



003454



570817



003421

# Square

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



570817



222E00



00353D



12265C

# Rectangle

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



570817



412200



00353D



00315D



# Sweetspot

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



570817



705258



470857



38262A



B8B8B8



383838



# Same Dimension

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



570817



700015



572008



2B2728



6B0014



EB002D



# Inverse Universe

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



570817



700015



083F57



2B2728



6B0014

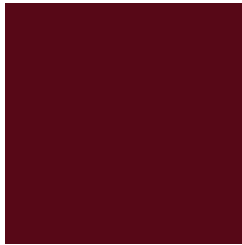


EB002D



# Previews

## White Background



This preview shows how the Hex color 570817 looks on a white background.

## Color Contrast Check

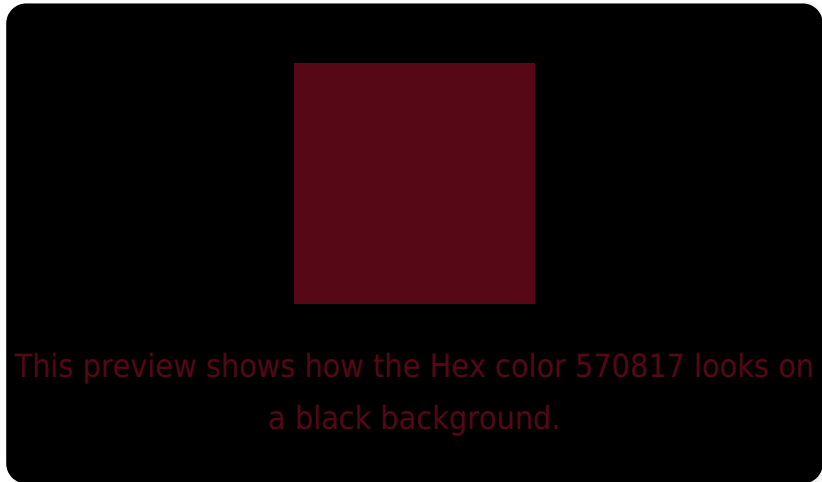
Large Text (above 18pt) WCAG AA ✓ Pass

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

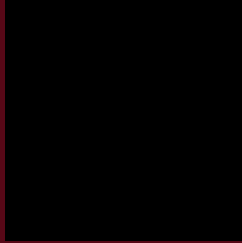
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 570817 Background



This preview shows how black text looks on a background with the Hex color 570817.



This preview shows how white text looks on a background with the Hex color 570817.

# 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**  
570817

**Protanopia**  
302C22

**Deuteranopia**  
372A12



**Tritanopia**  
570C0A

# Trichromacy



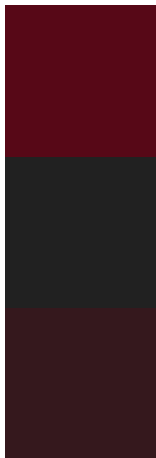
**Original Color**  
570817

**Protanomaly**  
3E1F1E

**Deuteranomaly**  
431E14

**Tritanomaly**  
570B0F

# Monochromacy



**Original Color**  
570817

**Achromatopsia**  
212121

**Achromatomaly**  
35181D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 570817 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 #570817 looks like.

```
.text, #text, p{  
    color:#570817  
}
```

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 #570817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570817
}
```

## Border

The CSS property to change the border of an element to Hex 570817 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".

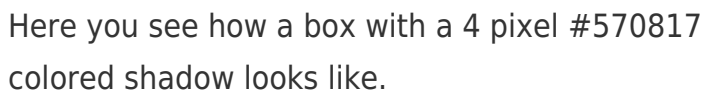
```
.border, #border, table{ border:4px solid
#570817 }
```

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

```
.border{ border-color:#570817 }
```

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

Here you see how a box with a 4 pixel #570817 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570817; -webkit-box-shadow:4px 4px  
4px 4px #570817; box-shadow:4px 4px 4px  
4px #570817 }
```

# Background

The CSS property to change the background color of an element to Hex 570817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570817 }
```

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

```
.background{ background-color:#570817 }
```

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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