

# Converting Colors

Hex(570207)

Have a look what the booklet for  
Hex(570207) contains.

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**Color**

**Hex(570207)**

# Conversions

## Conversions Part 1

Format	Color
Hex	570207
RGB	87, 2, 7
RGB Percent	34%, 1%, 3%
CMY	0.6588, 0.9922, 0.9725
CMYK	0.00, 0.98, 0.92, 0.66
HSL	356°, 96%, 17%
HSV	356°, 98%, 34%
XYZ	3.9905, 2.0850, 0.3931
YIQ	27.9850, 49.0550, 19.5750

# Conversions

## Conversions Part 2

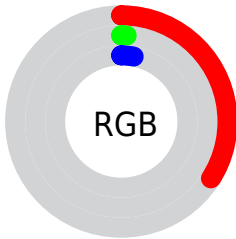
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 2, 7
Decimal	5702151
CIE <sub>Lab</sub>	15.93, 36.16, 21.84
CIE <sub>LCh</sub>	16, 42.246, 31.126
Yxy	2.0850, 0.6169, 0.3223
Android (android.graphics.Color)	4283892231 (0xFF570207)
YUV	27.9850, -10.3456, 51.7562
Hunter-Lab	14.4395, 24.0616, 8.4934

# Details

The Hex color **570207** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **025752**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **8F3934**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **570005**, and if you desaturate by 10%, it is **570B0F**.

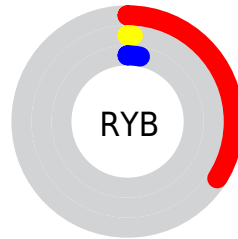
# Distribution



Red (34%)

Green (1%)

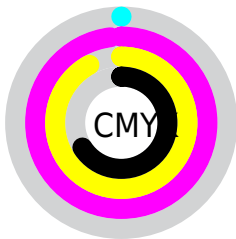
Blue (3%)



Red (34%)

Yellow (1%)

Blue (3%)

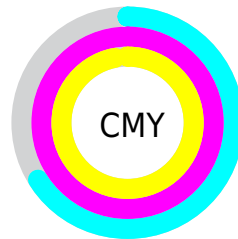


Cyan (0%)

Magenta (98%)

Yellow (92%)

Black (66%)



Cyan (66%)

Magenta (99%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 570207 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 570207 by changing the saturation by 10% instead.



 570207

 570207

 FFF5E7

 3C0000

 8F3934

 200001

 AC524A

 000000

 C96B62

 E7857B

 FFA095

 FFBCB0

 FFD8CB

 570207

 570207

■ 570005

■ 570B0F

■ 571317

■ 571C20

■ 572528

■ 572E30

■ 573638

■ 573F40

■ 574849

■ 575051

# Harmonies

## Analogous

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



590028



570207



481A00

# Triad

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



570207



003205



002C65

# Complementary

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



570207



025752

# 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.



00325D



570207



003428

# Square

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



570207



122E00



003446



221F5C

# Rectangle

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



570207



3A2300



003446



002E64



# Sweetspot

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



570207



705052



510257



382426



B8B8B8



383838



# Same Dimension

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



570207



700007



572702



2B2727



6B0006



EB000E



# Inverse Universe

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



570207



700007



023257



2B2727



6B0006

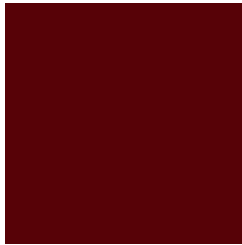


EB000E



# Previews

## White Background



This preview shows how the Hex color 570207 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

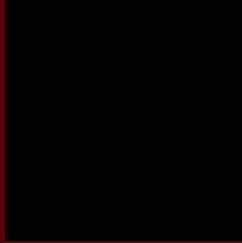
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 570207 Background



This preview shows how black text looks on a background with the Hex color 570207.

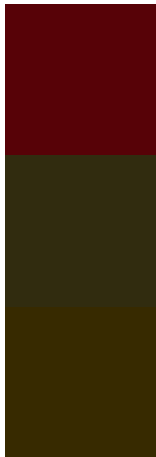


This preview shows how white text looks on a background with the Hex color 570207.

# 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**  
570207

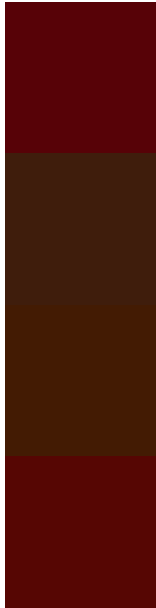
**Protanopia**  
312C0F

**Deuteranopia**  
372A00



**Tritanopia**  
560800

# Trichromacy



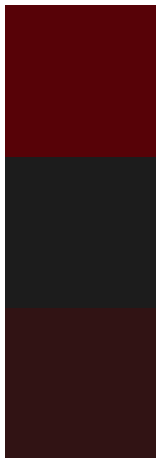
**Original Color**  
570207

**Protanomaly**  
3F1D0C

**Deuteranomaly**  
431B03

**Tritanomaly**  
560603

# Monochromacy



**Original Color**  
570207

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
311314

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 570207 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 #570207 looks like.

```
.text, #text, p{  
    color:#570207  
}
```

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 #570207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570207
}
```

## Border

The CSS property to change the border of an element to Hex 570207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

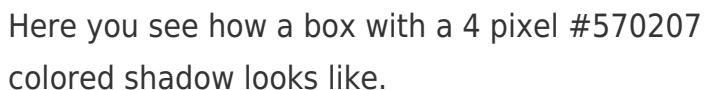
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570207 }
```

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

```
.border{ border-color:#570207 }
```

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



Here you see how a box with a 4 pixel #570207 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570207; -webkit-box-shadow:4px 4px  
4px 4px #570207; box-shadow:4px 4px 4px  
4px #570207 }
```

# Background

The CSS property to change the background color of an element to Hex 570207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570207 }
```

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

```
.background{ background-color:#570207 }
```

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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