

# Converting Colors

Hex(59050B)

Have a look what the booklet for  
Hex(59050B) contains.

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**Color**

**Hex(59050B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59050B
RGB	89, 5, 11
RGB Percent	35%, 2%, 4%
CMY	0.6510, 0.9804, 0.9569
CMYK	0.00, 0.94, 0.88, 0.65
HSL	356°, 89%, 18%
HSV	356°, 94%, 35%
XYZ	4.2345, 2.2566, 0.5290
YIQ	30.8000, 48.1380, 19.6740

# Conversions

## Conversions Part 2

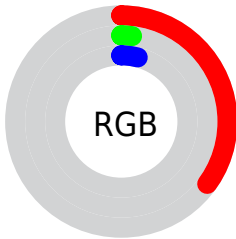
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 5, 11
Decimal	5833995
CIE <sub>Lab</sub>	16.78, 35.96, 21.36
CIE <sub>LCh</sub>	17, 41.828, 30.715
Yxy	2.2566, 0.6032, 0.3214
Android (android.graphics.Color)	4284024075 (0xFF59050B)
YUV	30.8000, -9.7614, 51.0414
Hunter-Lab	15.0218, 24.0292, 8.4274

# Details

The Hex color **59050B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **055953**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **913B36**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **590006**, and if you desaturate by 10%, it is **590E13**.

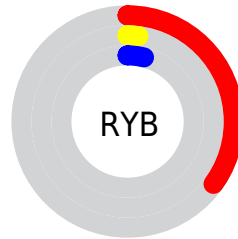
# Distribution



Red (35%)

Green (2%)

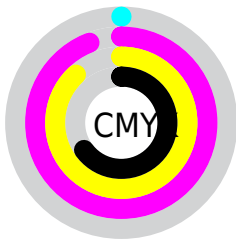
Blue (4%)



Red (35%)

Yellow (2%)

Blue (4%)

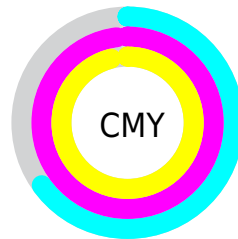


Cyan (0%)

Magenta (94%)

Yellow (88%)

Black (65%)



Cyan (65%)

Magenta (98%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59050B 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 59050B by changing the saturation by 10% instead.



 59050B

 59050B

 FFF7EA

 3E0000

 913B36

 240001

 AE544D

 000000

 CB6E65

 E9887E

 FFA398

 FFBEB3

 FFDBCE

 59050B

 59050B

■ 590006

■ 590E13

■ 59171C

■ 592024

■ 59292C

■ 593134

■ 593A3D

■ 594345

■ 594C4D

■ 595555

# Harmonies

## Analogous

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



5B002A



59050B



4B1B00

# Triad

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



59050B



003407



002D66

# Complementary

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



59050B



055953

# 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.



00345E



59050B



003529

# Square

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



59050B



163000



003647



24215E

# Rectangle

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



59050B



3C2500



003647



003065



# Sweetspot

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



59050B



735355



520559



3B2728



BABABA



3B3B3B



# Same Dimension

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



59050B



730008



592805



2B2727



6B0008



EB0011



# Inverse Universe

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



59050B



730008



053659



2B2727



6B0008

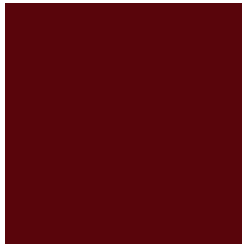


EB0011



# Previews

## White Background



This preview shows how the Hex color 59050B looks on a white background.

## Color Contrast Check

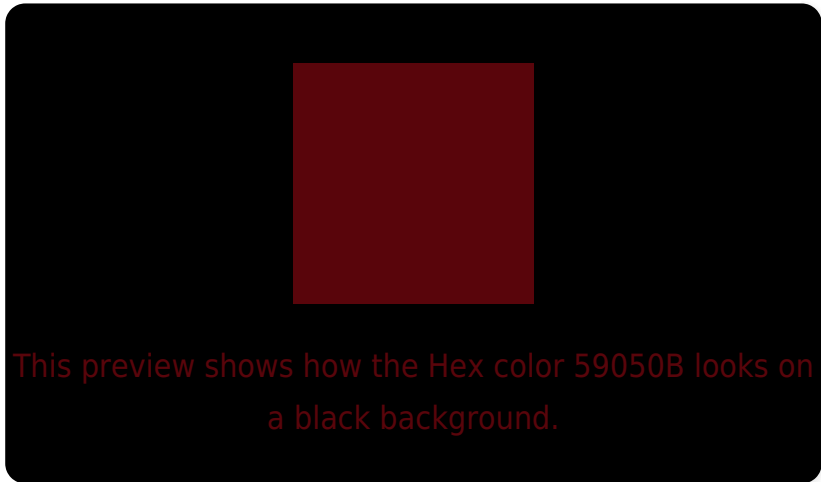
Large Text (above 18pt) WCAG AA ✓ Pass

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

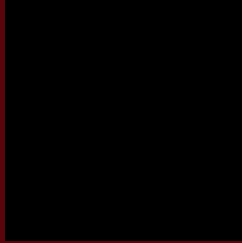
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59050B Background



This preview shows how black text looks on a background with the Hex color 59050B.



This preview shows how white text looks on a background with the Hex color 59050B.

# 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**  
59050B

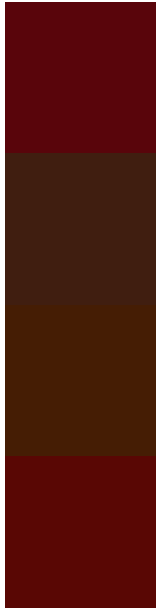
**Protanopia**  
322D13

**Deuteranopia**  
392B00



**Tritanopia**  
590800

# Trichromacy



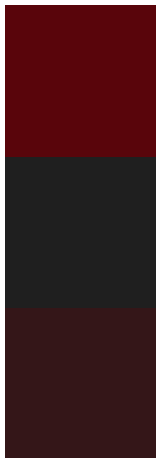
**Original Color**  
59050B

**Protanomaly**  
401E10

**Deuteranomaly**  
451D04

**Tritanomaly**  
590704

# Monochromacy



**Original Color**  
59050B

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
341618

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59050B 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 #59050B looks like.

```
.text, #text, p{  
    color:#59050B  
}
```

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 #59050B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59050B }  
}
```

## Border

The CSS property to change the border of an element to Hex 59050B is called "border". The border property can be set on classes, ids or directly on the HTML element.

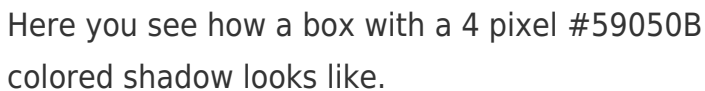
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #59050B }  
}
```

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

```
.border{ border-color:#59050B }
```

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



Here you see how a box with a 4 pixel #59050B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59050B; -webkit-box-shadow:4px 4px  
4px 4px #59050B; box-shadow:4px 4px 4px  
4px #59050B }
```

# Background

The CSS property to change the background color of an element to Hex 59050B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59050B }
```

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

```
.background{ background-color:#59050B }
```

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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