

# Converting Colors

Hex(590013)

Have a look what the booklet for  
Hex(590013) contains.

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**Color**

**Hex(590013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	590013
RGB	89, 0, 19
RGB Percent	35%, 0%, 7%
CMY	0.6510, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.79, 0.65
HSL	347°, 100%, 17%
HSV	347°, 100%, 35%
XYZ	4.2374, 2.1709, 0.8118
YIQ	28.7770, 46.9450, 24.7770

# Conversions

## Conversions Part 2

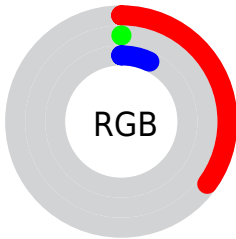
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 0, 19
Decimal	5832723
CIE <sub>Lab</sub>	16.36, 37.81, 16.59
CIE <sub>LCh</sub>	16, 41.293, 23.696
Yxy	2.1709, 0.5869, 0.3007
Android (android.graphics.Color)	4284022803 (0xFF590013)
YUV	28.7770, -4.8201, 52.8156
Hunter-Lab	14.7339, 25.5513, 7.0470

# Details

The Hex color **590013** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005946**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **91383D**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **590013**, and if you desaturate by 10%, it is **59091A**.

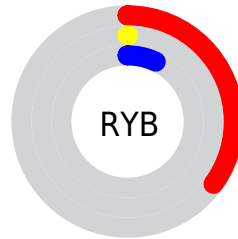
# Distribution



Red (35%)

Green (0%)

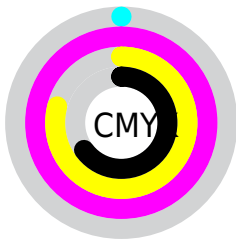
Blue (7%)



Red (35%)

Yellow (0%)

Blue (7%)

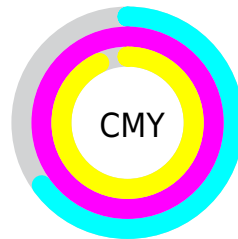


Cyan (0%)

Magenta (100%)

Yellow (79%)

Black (65%)



Cyan (65%)

Magenta (100%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 590013 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 590013 by changing the saturation by 10% instead.



 590013

 590013

 FFF5F3

 3E0000

 91383D

 240001

 AD5154

 000000

 CB6B6C

 E88585

 FFA0A0

 FFBCBB

 FFD8D6

 590013

 59091A

 591221

 591B28

 59242F

 592D36

 59353D

 593E44

 59474B

 595052

# Harmonies

## Analogous

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



580030



590013



4D1600

# Triad

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



590013



003200



002E64

# Complementary

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



590013



005946

# 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.



003358



590013



003421

# Square

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



590013



1D2E00



003540



0F245F

# Rectangle

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



590013



402100



003540



003162



# Sweetspot

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



590013



735058



460059



3B262A



BABABA



3B3B3B



# Same Dimension

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



590013



730018



591900



2B2728



6B0017



EB0032



# Inverse Universe

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



590013



730018



004059



2B2728



6B0017

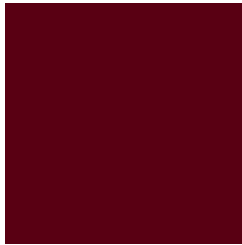


EB0032



# Previews

## White Background



This preview shows how the Hex color 590013 looks on a white background.

## Color Contrast Check

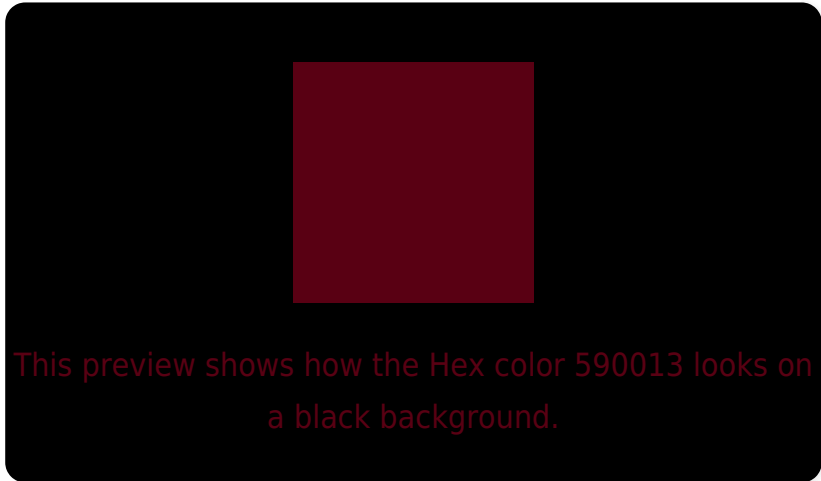
Large Text (above 18pt) WCAG AA ✓ Pass

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

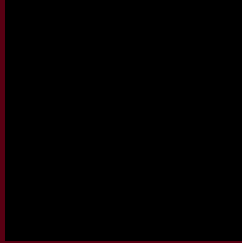
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 590013 Background



This preview shows how black text looks on a background with the Hex color 590013.

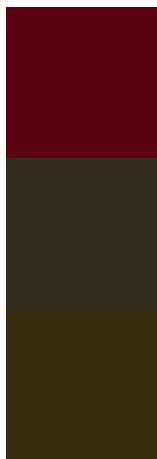


This preview shows how white text looks on a background with the Hex color 590013.

# 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**  
590013

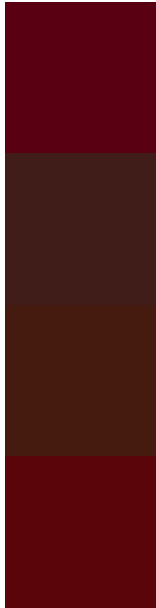
**Protanopia**  
312D1D

**Deuteranopia**  
392B0D



**Tritanopia**  
590803

# Trichromacy



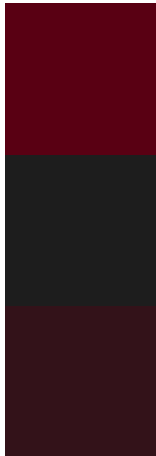
**Original Color**  
590013

**Protanomaly**  
401D19

**Deuteranomaly**  
451B0F

**Tritanomaly**  
590509

# Monochromacy



**Original Color**  
590013

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
331219

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 590013 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 #590013 looks like.

```
.text, #text, p{  
    color:#590013  
}
```

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 #590013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590013
}
```

## Border

The CSS property to change the border of an element to Hex 590013 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".

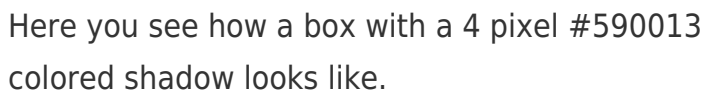
```
.border, #border, table{ border:4px solid
#590013 }
```

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

```
.border{ border-color:#590013 }
```

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

Here you see how a box with a 4 pixel #590013 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590013; -webkit-box-shadow:4px 4px  
4px 4px #590013; box-shadow:4px 4px 4px  
4px #590013 }
```

# Background

The CSS property to change the background color of an element to Hex 590013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590013 }
```

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

```
.background{ background-color:#590013 }
```

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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