

# Converting Colors

Hex(571039)

Have a look what the booklet for  
Hex(571039) contains.

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**Color**

**Hex(571039)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	571039
RGB	87, 16, 57
RGB Percent	34%, 6%, 22%
CMY	0.6588, 0.9373, 0.7765
CMYK	0.00, 0.82, 0.34, 0.66
HSL	325°, 69%, 20%
HSV	325°, 82%, 34%
XYZ	4.8543, 2.6922, 4.1347
YIQ	41.9030, 29.1550, 27.8030

# Conversions

## Conversions Part 2

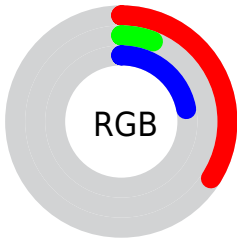
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 16, 57
Decimal	5705785
CIE Lab	18.77, 35.65, -7.28
CIE LCh	19, 36.389, 348.457
Yxy	2.6922, 0.4156, 0.2305
Android (android.graphics.Color)	4283895865 (0xFF571039)
YUV	41.9030, 7.4428, 39.5501
Hunter-Lab	16.4080, 24.0950, -3.4550

# Details

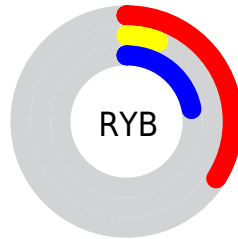
The Hex color **571039** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **10572E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8C4368**, and **29000E** is the 20% darker color. If you saturate the color by 10%, you get **570735**, and if you desaturate by 10%, it is **57193D**.

# Distribution



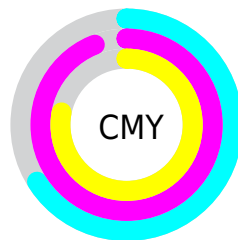
- Red (34%)
- Green (6%)
- Blue (22%)



- Red (34%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (82%)
- Yellow (34%)
- Black (66%)



- Cyan (66%)
- Magenta (94%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 571039 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 571039 by changing the saturation by 10% instead.



■ 571039

■ 571039

FFFFFF

■ 3E0023

■ 8C4368

■ 29000E

■ A75C81

■ 000000

■ C3759B

■ E090B6

■ FDABD2

■ FFC6EE

■ FFE3FF

■ 571039

■ 571039

■ 570735

■ 57193D

■ 570032

■ 572140

■ 572A44

■ 573348

■ 573C4B

■ 57444F

■ 574D53

■ 575656

■ 575E5A

# Harmonies

## Analogous

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



421E51



571039



5B0F1F

# Triad

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



571039



2B3100



003855

# Complementary

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



571039



10572E

# 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.



00393E



571039



043604

# Square

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



571039



422900



003922



003462

# Rectangle

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



571039



57180D



003922



00394E



# Sweetspot

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



571039



705565



2E1057



382831



B8B8B8



383838



# Same Dimension

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



571039



700242



571016



2B272A



6B003E



EB0087



# Inverse Universe

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



571039



700242



105751



2B272A



6B003E

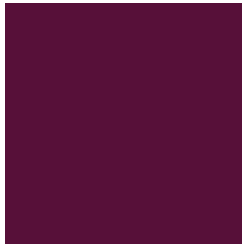


EB0087



# Previews

## White Background



This preview shows how the Hex color 571039 looks on a white background.

## Color Contrast Check

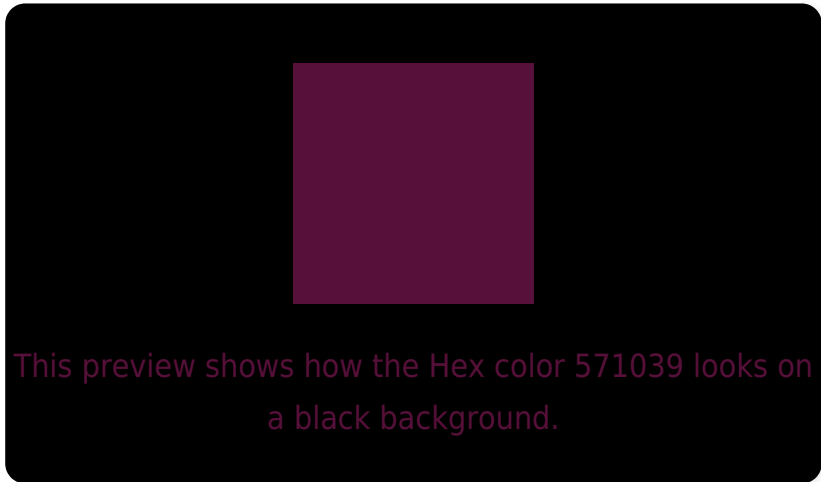
Large Text (above 18pt) WCAG AA ✓ Pass

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

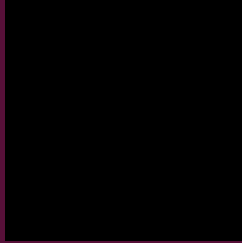
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 571039 Background



This preview shows how black text looks on a background with the Hex color 571039.



This preview shows how white text looks on a background with the Hex color 571039.

# 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**  
571039

**Protanopia**  
232F4E

**Deuteranopia**  
322E35



**Tritanopia**  
551A1C

# Trichromacy



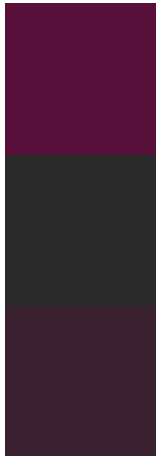
**Original Color**  
571039

**Protanomaly**  
362446

**Deuteranomaly**  
3F2336

**Tritanomaly**  
561627

# Monochromacy



**Original Color**  
571039

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
3A212F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 571039 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 #571039 looks like.

```
.text, #text, p{  
    color:#571039  
}
```

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 #571039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571039
}
```

## Border

The CSS property to change the border of an element to Hex 571039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

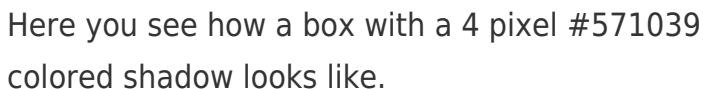
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#571039 }
```

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

```
.border{ border-color:#571039 }
```

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



Here you see how a box with a 4 pixel #571039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571039; -webkit-box-shadow:4px 4px  
4px 4px #571039; box-shadow:4px 4px 4px  
4px #571039 }
```

# Background

The CSS property to change the background color of an element to Hex 571039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571039 }
```

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

```
.background{ background-color:#571039 }
```

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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