

# Converting Colors

Hex(5D0B39)

Have a look what the booklet for  
Hex(5D0B39) contains.

<b>Hex(5D0B39)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5D0B39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D0B39
RGB	93, 11, 57
RGB Percent	36%, 4%, 22%
CMY	0.6353, 0.9569, 0.7765
CMYK	0.00, 0.88, 0.39, 0.64
HSL	326°, 79%, 20%
HSV	326°, 88%, 36%
XYZ	5.3724, 2.8619, 4.1401
YIQ	40.7620, 34.1060, 31.6900

# Conversions

## Conversions Part 2

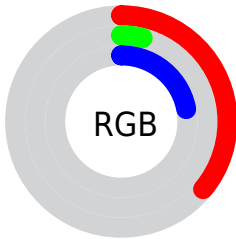
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 11, 57
Decimal	6097721
CIELab	19.48, 38.95, -6.08
CIElCh	19, 39.418, 351.131
Yxy	2.8619, 0.4342, 0.2313
Android (android.graphics.Color)	4284287801 (0xFF5D0B39)
YUV	40.7620, 8.0053, 45.8127
Hunter-Lab	16.9172, 27.0812, -2.6680

# Details

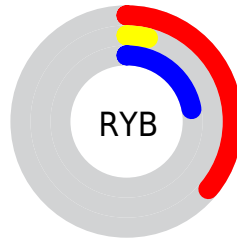
The Hex color **5D0B39** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B5D2F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **934168**, and **2E000E** is the 20% darker color. If you saturate the color by 10%, you get **5D0235**, and if you desaturate by 10%, it is **5D143D**.

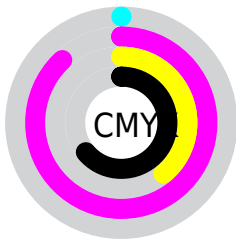
# Distribution



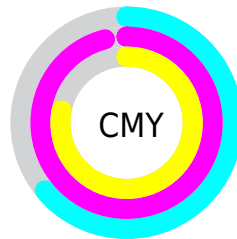
- Red (36%)
- Green (4%)
- Blue (22%)



- Red (36%)
- Yellow (4%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (39%)
- Black (64%)



- Cyan (64%)
- Magenta (96%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D0B39 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 5D0B39 by changing the saturation by 10% instead.



 5D0B39

 5D0B39

FFFFFF

 430024

 934168

 2E000E

 AE5A81

 000000

 CB749B

 E88FB6

 FFAAD1

 FFC6EE

 FFE2FF

 5D0B39

 5D0B39

■ 5D0235

■ 5D143D

■ 5D0034

■ 5D1E41

■ 5D2745

■ 5D3049

■ 5D3A4D

■ 5D4351

■ 5D4C56

■ 5D555A

■ 5D5F5E

# Harmonies

## Analogous

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



481C54



5D0B39



600D1D

# Triad

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



5D0B39



293400



003A5C

# Complementary

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



5D0B39



0B5D2F

# 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.



003C43



5D0B39



003905

# Square

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



5D0B39



422B00



003B25



003569

# Rectangle

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



5D0B39



5B1808



003B25



003B55



# Sweetspot

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



5D0B39



78596A



2F0B5D



3D2A35



BDBDBD



3D3D3D



# Same Dimension

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



5D0B39



780043



5D0B10



2E292C



6E003E



ED0085



# Inverse Universe

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



5D0B39



780043



0B5D58



2E292C



6E003E

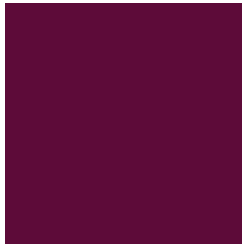


ED0085



# Previews

## White Background



This preview shows how the Hex color 5D0B39 looks on a white background.

## Color Contrast Check

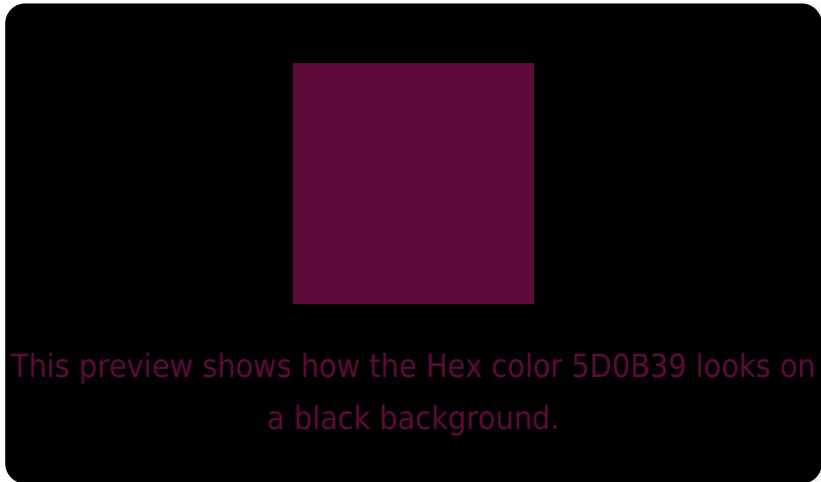
Large Text (above 18pt) WCAG AA ✓ Pass

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

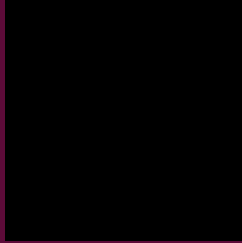
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D0B39 Background



This preview shows how black text looks on a background with the Hex color 5D0B39.

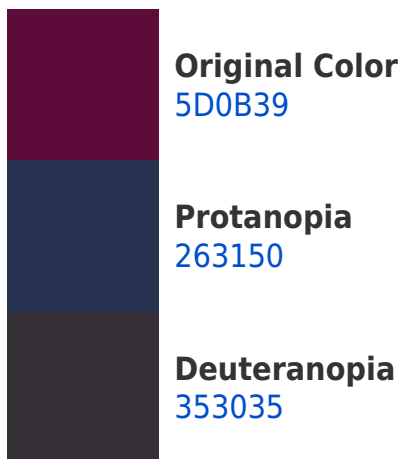


This preview shows how white text looks on a background with the Hex color 5D0B39.

# 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





**Tritanopia**  
5B1819

# Trichromacy



**Original Color**  
5D0B39

**Protanomaly**  
3A2348

**Deuteranomaly**  
442336

**Tritanomaly**  
5C1325

# Monochromacy



**Original Color**  
5D0B39

**Achromatopsia**  
292929

**Achromatomaly**  
3C1E2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D0B39 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 #5D0B39 looks like.

```
.text, #text, p{  
    color:#5D0B39  
}
```

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 #5D0B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0B39
}
```

## Border

The CSS property to change the border of an element to Hex 5D0B39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

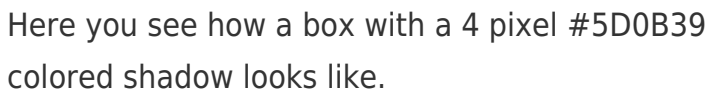
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D0B39 }
```

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

```
.border{ border-color:#5D0B39 }
```

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



Here you see how a box with a 4 pixel #5D0B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0B39; -webkit-box-shadow:4px 4px  
4px 4px #5D0B39; box-shadow:4px 4px 4px  
4px #5D0B39 }
```

# Background

The CSS property to change the background color of an element to Hex 5D0B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0B39 }
```

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

```
.background{ background-color:#5D0B39 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor