

# Converting Colors

Hex(5A0035)

Have a look what the booklet for  
Hex(5A0035) contains.

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**Color**

**Hex(5A0035)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A0035
RGB	90, 0, 53
RGB Percent	35%, 0%, 21%
CMY	0.6471, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.41, 0.65
HSL	325°, 100%, 18%
HSV	325°, 100%, 35%
XYZ	4.8591, 2.4307, 3.5812
YIQ	32.9520, 36.6270, 35.5630

# Conversions

## Conversions Part 2

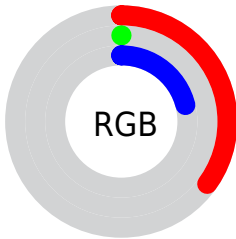
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 0, 53
Decimal	5898293
CIE <sub>Lab</sub>	17.60, 40.73, -6.14
CIE <sub>LCh</sub>	18, 41.194, 351.421
Yxy	2.4307, 0.4470, 0.2236
Android (android.graphics.Color)	4284088373 (0xFF5A0035)
YUV	32.9520, 9.8837, 50.0311
Hunter-Lab	15.5907, 28.3482, -2.7056

# Details

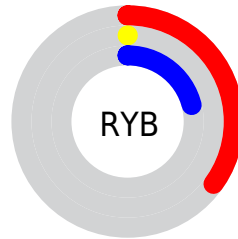
The Hex color **5A0035** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005A25**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **903A64**, and **2A0006** is the 20% darker color. If you saturate the color by 10%, you get **5A0035**, and if you desaturate by 10%, it is **5A0939**.

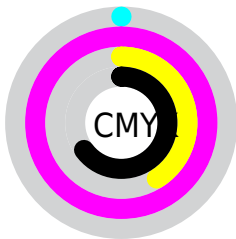
# Distribution



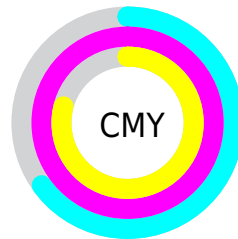
- Red (35%)
- Green (0%)
- Blue (21%)



- Red (35%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A0035 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 5A0035 by changing the saturation by 10% instead.



 5A0035

 5A0035

 FFF8FF

 400020

 903A64

 2A0006

 AC547C

 000000

 C86E96

 E588B1

 FFA3CC

 FFBFE9

 FFDBFF

 5A0035

■ 5A0939

■ 5A123C

■ 5A1B40

■ 5A2444

■ 5A2D47

■ 5A364B

■ 5A3F4F

■ 5A4853

■ 5A5156

# Harmonies

## Analogous

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



451651



5A0035



5D0218

# Triad

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



5A0035



233000



00365A

# Complementary

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



5A0035



005A25

# 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.



003840



5A0035



003500

# Square

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



5A0035



3E2700



003721



003267

# Rectangle

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



5A0035



571100



003721



003752



# Sweetspot

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



5A0035



755267



24005A



3B2632



BABABA



3B3B3B



# Same Dimension

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



5A0035



750045



5A0009



2E292C



6E0041



ED008C



# Inverse Universe

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



5A0035



750045



005A51



2E292C



6E0041

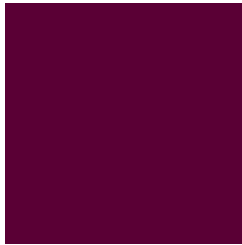


ED008C



# Previews

## White Background



This preview shows how the Hex color 5A0035 looks on a white background.

## Color Contrast Check

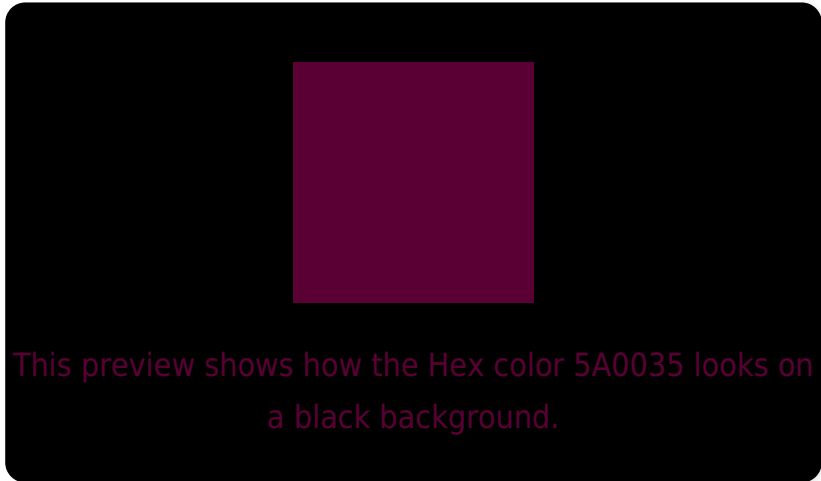
Large Text (above 18pt) WCAG AA ✓ Pass

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

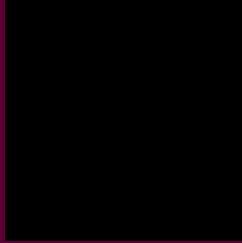
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A0035 Background



This preview shows how black text looks on a background with the Hex color 5A0035.



This preview shows how white text looks on a background with the Hex color 5A0035.

# 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**  
5A0035

**Protanopia**  
242E4C

**Deuteranopia**  
332E31



**Tritanopia**  
581516

# Trichromacy



**Original Color**  
5A0035

**Protanomaly**  
381D44

**Deuteranomaly**  
411D32

**Tritanomaly**  
590D21

# Monochromacy



**Original Color**  
5A0035

**Achromatopsia**  
212121

**Achromatomaly**  
361528

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A0035 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 #5A0035 looks like.

```
.text, #text, p{  
    color:#5A0035  
}
```

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 #5A0035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0035
}
```

## Border

The CSS property to change the border of an element to Hex 5A0035 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".

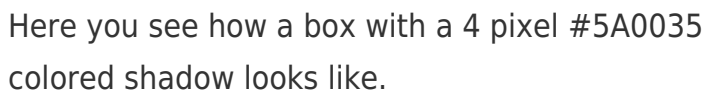
```
.border, #border, table{ border:4px solid
#5A0035 }
```

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

```
.border{ border-color:#5A0035 }
```

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

Here you see how a box with a 4 pixel #5A0035 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0035; -webkit-box-shadow:4px 4px  
4px 4px #5A0035; box-shadow:4px 4px 4px  
4px #5A0035 }
```

# Background

The CSS property to change the background color of an element to Hex 5A0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0035 }
```

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

```
.background{ background-color:#5A0035 }
```

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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