

# Converting Colors

Hex(5A0B3B)

Have a look what the booklet for  
Hex(5A0B3B) contains.

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# Color

**Hex(5A0B3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A0B3B
RGB	90, 11, 59
RGB Percent	35%, 4%, 23%
CMY	0.6471, 0.9569, 0.7686
CMYK	0.00, 0.88, 0.34, 0.65
HSL	324°, 78%, 20%
HSV	324°, 88%, 35%
XYZ	5.1255, 2.7288, 4.3942
YIQ	40.0930, 31.6760, 31.6760

# Conversions

## Conversions Part 2

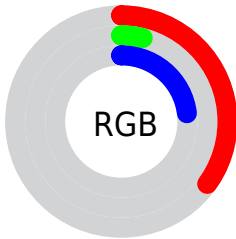
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 11, 59
Decimal	5901115
CIE <sub>Lab</sub>	18.92, 38.37, -8.39
CIE <sub>LCh</sub>	19, 39.278, 347.667
Yxy	2.7288, 0.4185, 0.2228
Android (android.graphics.Color)	4284091195 (0xFF5A0B3B)
YUV	40.0930, 9.3212, 43.7684
Hunter-Lab	16.5190, 26.4770, -4.2085

# Details

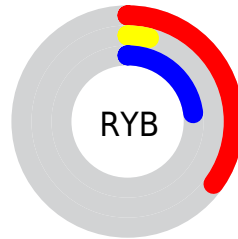
The Hex color **5A0B3B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B5A2A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8F406A**, and **2B0010** is the 20% darker color. If you saturate the color by 10%, you get **5A0237**, and if you desaturate by 10%, it is **5A143F**.

# Distribution



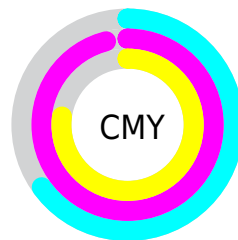
- Red (35%)
- Green (4%)
- Blue (23%)



- Red (35%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (88%)
- Yellow (34%)
- Black (65%)



- Cyan (65%)
- Magenta (96%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A0B3B 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 5A0B3B by changing the saturation by 10% instead.



 5A0B3B

 5A0B3B

FFFEFF

 400025

 8F406A

 2B0010

 AB5A83

 000000

 C7739E

 E48EB8

 FFA9D4

 FFC5F0

 FFE1FF

 5A0B3B

 5A0B3B

■ 5A0237

■ 5A143F

■ 5A0037

■ 5A1D42

■ 5A2646

■ 5A2F49

■ 5A384D

■ 5A4150

■ 5A4A54

■ 5A5357

■ 5A5C5B

# Harmonies

## Analogous

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



431D55



5A0B3B



5F0A1F

# Triad

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



5A0B3B



2B3200



003958

# Complementary

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



5A0B3B



0B5A2A

# 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.



003A3F



5A0B3B



003700

# Square

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



5A0B3B



432800



003921



003566

# Rectangle

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



5A0B3B



5A150B



003921



003A50



# Sweetspot

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



5A0B3B



755769



290B5A



3B2834



BABABA



3B3B3B



# Same Dimension

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



5A0B3B



750047



5A0B14



2E292C



6E0043



ED0090



# Inverse Universe

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



5A0B3B



750047



0B5A51



2E292C



6E0043

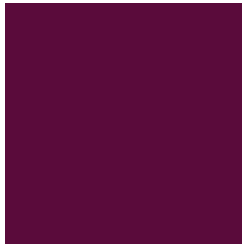


ED0090



# Previews

## White Background



This preview shows how the Hex color 5A0B3B looks on a white background.

## Color Contrast Check

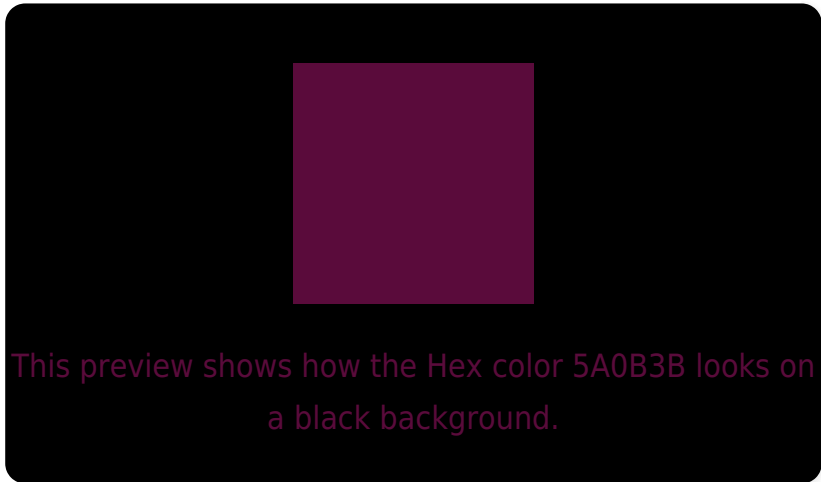
Large Text (above 18pt) WCAG AA ✓ Pass

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

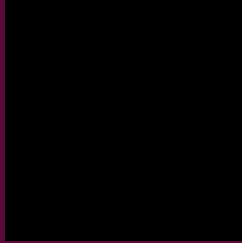
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A0B3B Background



This preview shows how black text looks on a background with the Hex color 5A0B3B.



This preview shows how white text looks on a background with the Hex color 5A0B3B.

# 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**  
5A0B3B

**Protanopia**  
212F53

**Deuteranopia**  
322F37



**Tritanopia**  
58191A

# Trichromacy



**Original Color**

5A0B3B

**Protanomaly**

36224A

**Deuteranomaly**

412238

**Tritanomaly**

591426

# Monochromacy



**Original Color**

5A0B3B

**Achromatopsia**

282828

**Achromatomaly**

3A1D2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A0B3B 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 #5A0B3B looks like.

```
.text, #text, p{  
    color:#5A0B3B  
}
```

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 #5A0B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0B3B  
}
```

## Border

The CSS property to change the border of an element to Hex 5A0B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

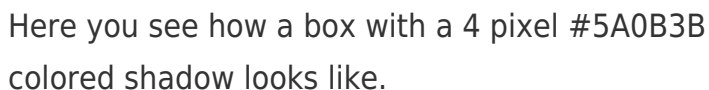
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A0B3B }
```

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

```
.border{ border-color:#5A0B3B }
```

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



Here you see how a box with a 4 pixel #5A0B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0B3B; -webkit-box-shadow:4px 4px  
4px 4px #5A0B3B; box-shadow:4px 4px 4px  
4px #5A0B3B }
```

# Background

The CSS property to change the background color of an element to Hex 5A0B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0B3B }
```

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

```
.background{ background-color:#5A0B3B }
```

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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