

# Converting Colors

Hex(5B0A45)

Have a look what the booklet for  
Hex(5B0A45) contains.

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# Color

**Hex(5B0A45)**

# Conversions

Conversions Part 1	
Format	Color
Hex	5B0A45
RGB	91, 10, 69
RGB Percent	36%, 4%, 27%
CMY	0.6431, 0.9608, 0.7294
CMYK	0.00, 0.89, 0.24, 0.64
HSL	316°, 80%, 20%
HSV	316°, 89%, 36%
XYZ	5.4971, 2.8709, 5.8946
YIQ	40.9450, 29.3370, 35.5210

# Conversions

## Conversions Part 2

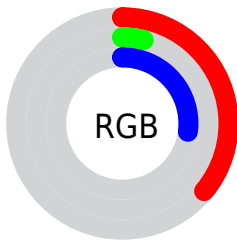
Format	Color
<a href="#">RYB</a>	<a href="#">91, 10, 69</a>
Decimal	<a href="#">5966405</a>
CIELab	<a href="#">19.52, 40.26, -14.42</a>
CIELCh	<a href="#">20, 42.765, 340.295</a>
Yxy	<a href="#">2.8709, 0.3854, 0.2013</a>
Android (android.graphics.Color)	<a href="#">4284156485</a> (0xFF5B0A45)
YUV	<a href="#">40.9450, 13.8311, 43.8982</a>
Hunter-Lab	<a href="#">16.9437, 28.2597, -8.7661</a>

# Details

The Hex color **5B0A45** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0A5B20**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **904175**, and **2C001A** is the 20% darker color. If you saturate the color by 10%, you get **5B0143**, and if you desaturate by 10%, it is **5B1347**.

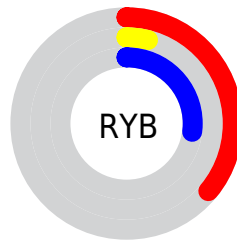
# Distribution



Red (36%)

Green (4%)

Blue (27%)



Red (36%)

Yellow (4%)

Blue (27%)

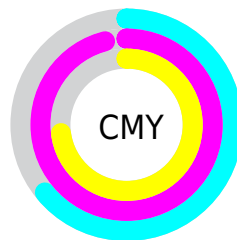


Cyan (0%)

Magenta (89%)

Yellow (24%)

Black (64%)



Cyan (64%)

Magenta (96%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B0A45 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 5B0A45 by changing the saturation by 10% instead.



 5B0A45

 5B0A45

FFFFFF

 42002F

 904175

 2C001A

 AC5A8F

 000000

 C874AA

 E58EC5

 FFAAE1

 FFC5FE

 FFE2FF

 5B0A45

 5B0A45

 5B0143

 5B1347

 5B0042

 5B1C4A

 5B254C

 5B2E4F

 5B3851

 5B4154

 5B4A56

 5B5359

 5B5C5B

# Harmonies

## Analogous

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



3C215F



5B0A45



640026

# Triad

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



5B0A45



323100



003C57

# Complementary

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



5B0A45



0A5B20

# 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.



003C3A



5B0A45



0D3800

# Square

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



5B0A45



4C2600



003B19



00386B

# Rectangle

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



5B0A45



610C12



003B19



003C4E



# Sweetspot

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



5B0A45



75566D



200A5B



3B2836



BABABA



3B3B3B



# Same Dimension

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



5B0A45



750055



5B0A1D



2E292D



6E0050



ED00AD



# Inverse Universe

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



5B0A45



750055



0A5B48



2E292D



6E0050

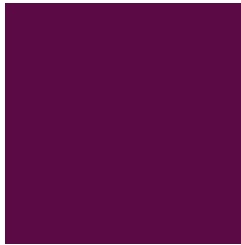


ED00AD



# Previews

## White Background



This preview shows how the Hex color 5B0A45 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



This preview shows how the Hex color 5B0A45 looks on a 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 5B0A45 Background



This preview shows how black text looks on a background with the Hex color 5B0A45.



This preview shows how white text looks on a background with the Hex color 5B0A45.

# 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**

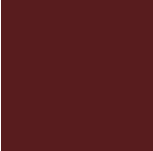
5B0A45

**Protanopia**

163061





**Deuteranopia**

2F3141






**Tritanopia**  
581C1E

# Trichromacy

	<b>Original Color</b> 5B0A45
	<b>Protanomaly</b> 2F2257
	<b>Deuteranomaly</b> 3F2342
	<b>Tritanomaly</b> 59152C

# Monochromacy

	<b>Original Color</b> 5B0A45
	<b>Achromatopsia</b> 292929
	<b>Achromatomaly</b> 3B1E33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B0A45 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 #5B0A45 looks like.

```
.text, #text, p{  
    color:#5B0A45  
}
```

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 #5B0A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0A45
}
```

## Border

The CSS property to change the border of an element to Hex 5B0A45 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
#5B0A45 }
```

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

```
.border{ border-color:#5B0A45 }
```

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

Here you see how a box with a 4 pixel #5B0A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0A45; -webkit-box-shadow:4px 4px  
4px 4px #5B0A45; box-shadow:4px 4px 4px  
4px #5B0A45 }
```

# Background

The CSS property to change the background color of an element to Hex 5B0A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0A45 }
```

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

```
.background{ background-color:#5B0A45 }
```

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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