

# Converting Colors

Hex(5A1A53)

Have a look what the booklet for  
Hex(5A1A53) contains.

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# Color

**Hex(5A1A53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A1A53
RGB	90, 26, 83
RGB Percent	35%, 10%, 33%
CMY	0.6471, 0.8980, 0.6745
CMYK	0.00, 0.71, 0.08, 0.65
HSL	307°, 55%, 23%
HSV	307°, 71%, 35%
XYZ	6.1472, 3.5370, 8.5423
YIQ	51.6340, 19.8470, 31.2950

# Conversions

## Conversions Part 2

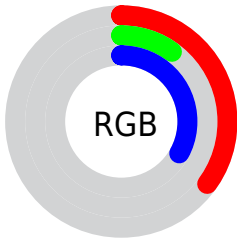
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 26, 83
Decimal	5904979
CIE Lab	22.08, 36.57, -19.97
CIE LCh	22, 41.669, 331.367
Yxy	3.5370, 0.3373, 0.1941
Android (android.graphics.Color)	4284095059 (0xFF5A1A53)
YUV	51.6340, 15.4634, 33.6470
Hunter-Lab	18.8069, 25.4322, -13.7655

# Details

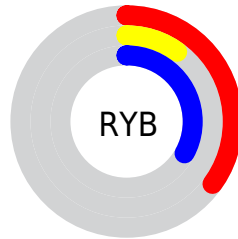
The Hex color **5A1A53** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1A5A21**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8E4B85**, and **2B0026** is the 20% darker color. If you saturate the color by 10%, you get **5A1152**, and if you desaturate by 10%, it is **5A2354**.

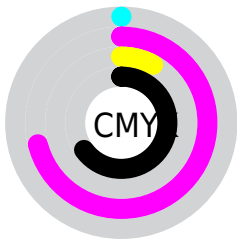
# Distribution



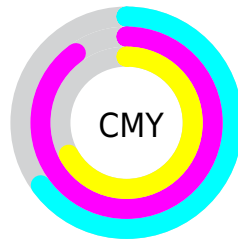
- Red (35%)
- Green (10%)
- Blue (33%)



- Red (35%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (71%)
- Yellow (8%)
- Black (65%)



- Cyan (65%)
- Magenta (90%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A1A53 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 5A1A53 by changing the saturation by 10% instead.



 5A1A53

 5A1A53

FFFFFF

 41003C

 8E4B85

 2B0026

 A9659F

 00000F

 C57EBA

 000000

 E299D6

 FFB4F2

 FFD0FF

 FFEDFF

 5A1A53

 5A1A53

■ 5A1152

■ 5A2354

■ 5A0851

■ 5A2C55

■ 5A0050

■ 5A3556

■ 5A3E57

■ 5A4758

■ 5A5059

■ 5A595A

■ 5A625B

■ 5A6B5C

# Harmonies

## Analogous

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



332C6A



5A1A53



690C35

# Triad

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



5A1A53



413400



004254

# Complementary

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



5A1A53



1A5A21

# 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.



004235



5A1A53



223C00

# Square

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



5A1A53



592700



004015



003F6B

# Rectangle

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



5A1A53



6A1120



004015



00424B



# Sweetspot

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



5A1A53



755D73



201A5A



3B2C39



BABABA



3B3B3B



# Same Dimension

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



5A1A53



75126A



5A1A34



2E292D



6E0062



ED00D3



# Inverse Universe

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



5A1A53



75126A



1A5A40



2E292D



6E0062

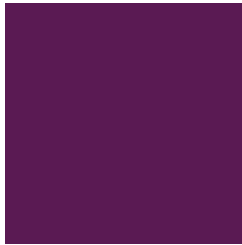


ED00D3



# Previews

## White Background



This preview shows how the Hex color 5A1A53 looks on a white background.

## Color Contrast Check

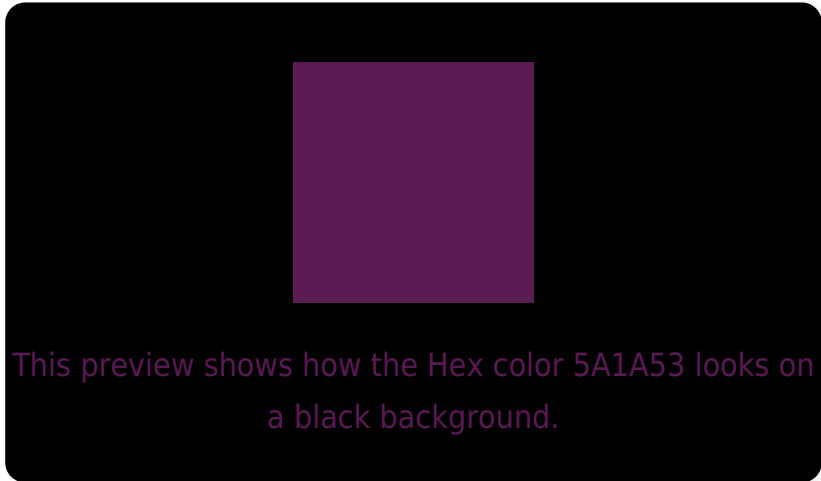
Large Text (above 18pt) WCAG AA ✓ Pass

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

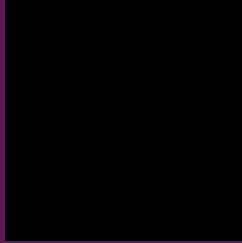
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A1A53 Background



This preview shows how black text looks on a background with the Hex color 5A1A53.



This preview shows how white text looks on a background with the Hex color 5A1A53.

# 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**  
5A1A53

**Protanopia**  
15346B

**Deuteranopia**  
2C364F



**Tritanopia**  
56272A

# Trichromacy



**Original Color**  
5A1A53

**Protanomaly**  
2E2B62

**Deuteranomaly**  
3D2C50

**Tritanomaly**  
572239

# Monochromacy



**Original Color**  
5A1A53

**Achromatopsia**  
343434

**Achromatomaly**  
422B3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A1A53 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 #5A1A53 looks like.

```
.text, #text, p{  
    color:#5A1A53  
}
```

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 #5A1A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1A53
}
```

## Border

The CSS property to change the border of an element to Hex 5A1A53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

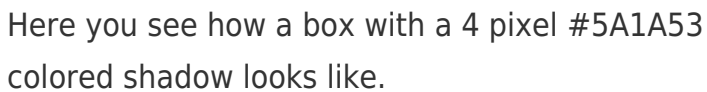
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A1A53 }
```

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

```
.border{ border-color:#5A1A53 }
```

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



Here you see how a box with a 4 pixel #5A1A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1A53; -webkit-box-shadow:4px 4px  
4px 4px #5A1A53; box-shadow:4px 4px 4px  
4px #5A1A53 }
```

# Background

The CSS property to change the background color of an element to Hex 5A1A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1A53 }
```

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

```
.background{ background-color:#5A1A53 }
```

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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