

# Converting Colors

Hex(5B174C)

Have a look what the booklet for  
Hex(5B174C) contains.

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**Color**

**Hex(5B174C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B174C
RGB	91, 23, 76
RGB Percent	36%, 9%, 30%
CMY	0.6431, 0.9098, 0.7020
CMYK	0.00, 0.75, 0.16, 0.64
HSL	313°, 60%, 22%
HSV	313°, 75%, 36%
XYZ	5.9253, 3.3587, 7.1735
YIQ	49.3740, 23.5150, 30.8990

# Conversions

## Conversions Part 2

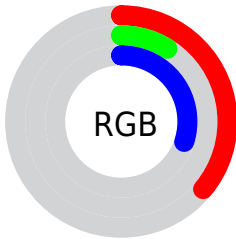
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 23, 76
Decimal	5969740
CIELab	21.43, 36.93, -16.25
CIELCh	21, 40.349, 336.254
Yxy	3.3587, 0.3600, 0.2041
Android (android.graphics.Color)	4284159820 (0xFF5B174C)
YUV	49.3740, 13.1266, 36.5060
Hunter-Lab	18.3269, 25.6391, -10.3784

# Details

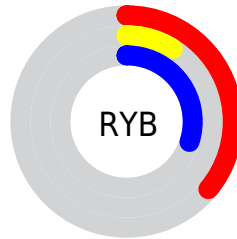
The Hex color **5B174C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **175B26**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8F497D**, and **2C0020** is the 20% darker color. If you saturate the color by 10%, you get **5B0E4A**, and if you desaturate by 10%, it is **5B204E**.

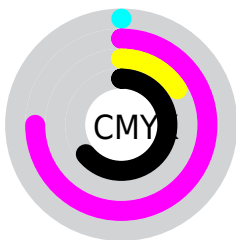
# Distribution



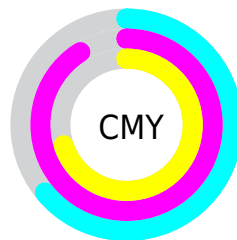
- Red (36%)
- Green (9%)
- Blue (30%)



- Red (36%)
- Yellow (9%)
- Blue (30%)



- Cyan (0%)
- Magenta (75%)
- Yellow (16%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B174C 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 5B174C by changing the saturation by 10% instead.



 5B174C

 5B174C

FFFFFF

 420035

 8F497D

 2C0020

 AB6297

 000004

 C77CB2

 000000

 E397CD

 FFB2EA

 FFCEFF

 FFEAFF

 5B174C

 5B174C

■ 5B0E4A

■ 5B204E

■ 5B0548

■ 5B2950

■ 5B0047

■ 5B3252

■ 5B3B54

■ 5B4556

■ 5B4E58

■ 5B575A

■ 5B605C

■ 5B695E

# Harmonies

## Analogous

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



3A2864



5B174C



670D2F

# Triad

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



5B174C



3B3400



004056

# Complementary

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



5B174C



175B26

# 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.



004039



5B174C



1B3B00

# Square

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



5B174C



532900



003F1A



003D6A

# Rectangle

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



5B174C



65141B



003F1A



00404D



# Sweetspot

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



5B174C



755B70



26175B



3B2B37



BABABA



3B3B3B



# Same Dimension

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



5B174C



750C5E



5B172A



2E292D



6E0055



ED00B9



# Inverse Universe

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



5B174C



750C5E



175B48



2E292D



6E0055

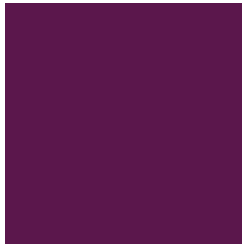


ED00B9



# Previews

## White Background



This preview shows how the Hex color 5B174C looks on a white background.

## Color Contrast Check

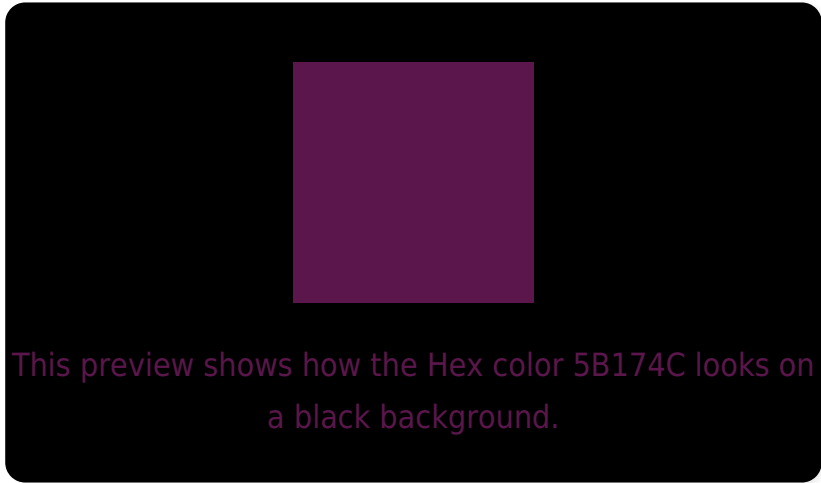
Large Text (above 18pt) WCAG AA ✓ Pass

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

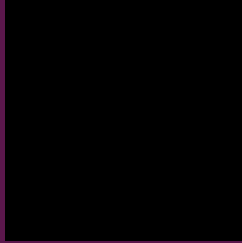
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B174C Background



This preview shows how black text looks on a background with the Hex color 5B174C.



This preview shows how white text looks on a background with the Hex color 5B174C.

# 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**  
5B174C

**Protanopia**  
1B3364

**Deuteranopia**  
2F3448



**Tritanopia**  
582426

# Trichromacy



**Original Color**  
5B174C

**Protanomaly**  
32295B

**Deuteranomaly**  
3F2949

**Tritanomaly**  
591F34

# Monochromacy



**Original Color**  
5B174C

**Achromatopsia**  
313131

**Achromatomaly**  
40283B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B174C 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 #5B174C looks like.

```
.text, #text, p{  
    color:#5B174C  
}
```

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 #5B174C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B174C
}
```

## Border

The CSS property to change the border of an element to Hex 5B174C 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".

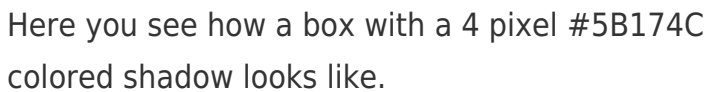
```
.border, #border, table{ border:4px solid
#5B174C }
```

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

```
.border{ border-color:#5B174C }
```

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

Here you see how a box with a 4 pixel #5B174C colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B174C; -webkit-box-shadow:4px 4px  
4px 4px #5B174C; box-shadow:4px 4px 4px  
4px #5B174C }
```

# Background

The CSS property to change the background color of an element to Hex 5B174C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B174C }
```

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

```
.background{ background-color:#5B174C }
```

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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