

Converting Colors

Hex(5B175C)

Have a look what the booklet for
Hex(5B175C) contains.

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Color

Hex(5B175C)

Conversions

Conversions Part 1

Format	Color
Hex	5B175C
RGB	91, 23, 92
RGB Percent	36%, 9%, 36%
CMY	0.6431, 0.9098, 0.6392
CMYK	0.01, 0.75, 0.00, 0.64
HSL	299°, 60%, 23%
HSV	299°, 75%, 36%
XYZ	6.5525, 3.6096, 10.4766
YIQ	51.1980, 18.3790, 35.8750

Conversions

Conversions Part 2

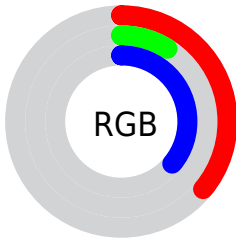
Format	Color
R_{YB}	91, 23, 92
Decimal	5969756
CIE _{Lab}	22.34, 39.78, -25.55
CIE _{LCh}	22, 47.274, 327.286
Yxy	3.6096, 0.3175, 0.1749
Android (android.graphics.Color)	4284159836 (0xFF5B175C)
YUV	51.1980, 20.1154, 34.9064
Hunter-Lab	18.9991, 28.3141, -19.3947

Details

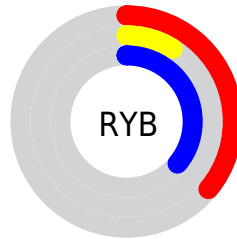
The Hex color **5B175C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **185C17**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **904A8F**, and **2C002E** is the 20% darker color. If you saturate the color by 10%, you get **5B0E5C**, and if you desaturate by 10%, it is **5B205C**.

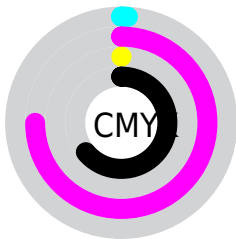
Distribution



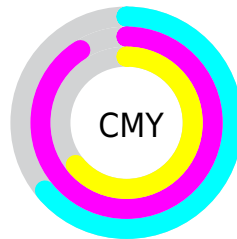
- Red (36%)
- Green (9%)
- Blue (36%)



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



- Cyan (1%)
- Magenta (75%)
- Yellow (0%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5B175C 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 5B175C by changing the saturation by 10% instead.

■ 5B175C

■ 5B175C

FFFFFF

■ 420044

■ 904A8F

■ 2C002E

■ AB63A9

■ 030018

■ C77DC5

■ 000000

■ E398E1

■ FF33FD

■ FFCFFF

■ FFECFF

■ 5B175C

■ 5B175C

■ 5B0E5C

■ 5B205C

■ 5B055C

■ 5B295C

■ 5B005C

■ 5B335C

■ 5C3C5C

■ 5C455C

■ 5C4E5C

■ 5C575C

■ 5C615C

■ 5C6A5C

Harmonies

Analogous

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



262D75



5B175C



6F003A

Triad

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



5B175C



453300



004455

Complementary

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



5B175C



185C17

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.



004431



5B175C



243C00

Square

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



5B175C



5F2300



00410A



004271

Rectangle

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



5B175C



710023



00410A



004449

Sweetspot

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



5B175C



775C78



17185C



3D2C3D



BDBDBD



3D3D3D

Same Dimension

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



5B175C



760C78



5C173B



2E292E



6C006E



EA00ED

Inverse Universe

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



5C1718



780C0E



175C38



2E2929



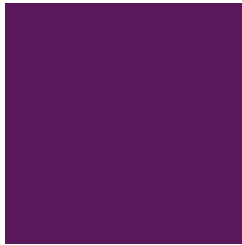
6E0002



ED0003

Previews

White Background



This preview shows how the Hex color 5B175C looks on a white background.

Color Contrast Check

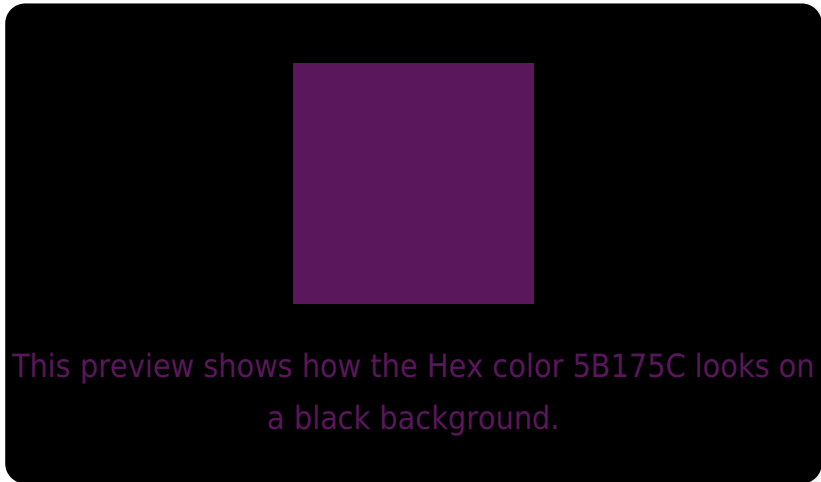
Large Text (above 18pt) WCAG AA ✓ Pass

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

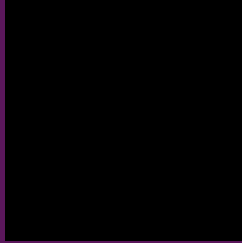
Any Text WCAG AA × Fail

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 5B175C Background



This preview shows how black text looks on a background with the Hex color 5B175C.



This preview shows how white text looks on a background with the Hex color 5B175C.

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





Tritanopia
56292C

Trichromacy



Original Color
5B175C

Protanomaly
212A69

Deuteranomaly
392B59

Tritanomaly
58223D

Monochromacy



Original Color
5B175C

Achromatopsia
333333

Achromatomaly
422942

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B175C 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 #5B175C looks like.

```
.text, #text, p{  
    color:#5B175C  
}
```

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 #5B175C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B175C
}
```

Border

The CSS property to change the border of an element to Hex 5B175C is called "border". The border property can be set on classes, ids or directly on the HTML element.

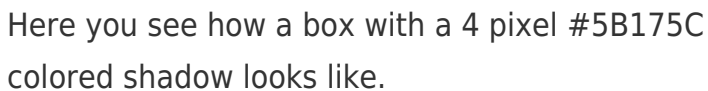
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B175C }
```

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

```
.border{ border-color:#5B175C }
```

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



Here you see how a box with a 4 pixel #5B175C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B175C; -webkit-box-shadow:4px 4px  
4px 4px #5B175C; box-shadow:4px 4px 4px  
4px #5B175C }
```

Background

The CSS property to change the background color of an element to Hex 5B175C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B175C }
```

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

```
.background{ background-color:#5B175C }
```

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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