

Converting Colors

Hex(5C175A)

Have a look what the booklet for
Hex(5C175A) contains.

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Color

Hex(5C175A)

Conversions

Conversions Part 1

Format	Color
Hex	5C175A
RGB	92, 23, 90
RGB Percent	36%, 9%, 35%
CMY	0.6392, 0.9098, 0.6471
CMYK	0.00, 0.75, 0.02, 0.64
HSL	302°, 60%, 23%
HSV	302°, 75%, 36%
XYZ	6.5655, 3.6263, 10.0268
YIQ	51.2690, 19.6170, 35.4650

Conversions

Conversions Part 2

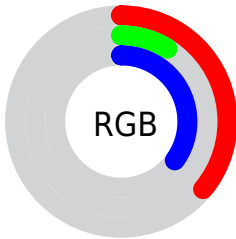
Format	Color
RYB	92, 23, 90
Decimal	6035290
CIELab	22.40, 39.66, -24.12
CIElCh	22, 46.414, 328.694
Yxy	3.6263, 0.3247, 0.1794
Android (android.graphics.Color)	4284225370 (0xFF5C175A)
YUV	51.2690, 19.0944, 35.7211
Hunter-Lab	19.0428, 28.2175, -17.8885

Details

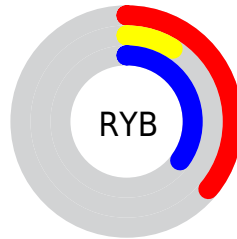
The Hex color **5C175A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **175C19**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **914A8C**, and **2C002C** is the 20% darker color. If you saturate the color by 10%, you get **5C0E5A**, and if you desaturate by 10%, it is **5C205A**.

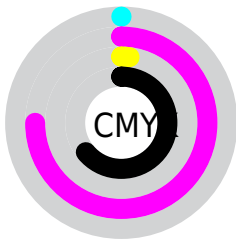
Distribution



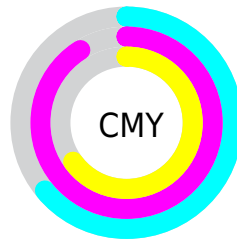
- Red (36%)
- Green (9%)
- Blue (35%)



- Red (36%)
- Yellow (9%)
- Blue (35%)



- Cyan (0%)
- Magenta (75%)
- Yellow (2%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C175A 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 5C175A by changing the saturation by 10% instead.

 5C175A

 5C175A

FFFFFF

 430042

 914A8C

 2C002C

 AC63A7

 050016

 C87DC2

 000000

 E598DE

 FF3FB

 FFCFF

 FFECCF

 5C175A

 5C175A

■ 5C0E5A

■ 5C205A

■ 5C0559

■ 5C295B

■ 5C0059

■ 5C335B

■ 5C3C5B

■ 5C455B

■ 5C4E5C

■ 5C575C

■ 5C615C

■ 5C6A5C

Harmonies

Analogous

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



2B2D73



5C175A



6F0039

Triad

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



5C175A



443400



004456

Complementary

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



5C175A



175C19

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.



004433



5C175A



233D00

Square

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



5C175A



5E2400



00420D



004271

Rectangle

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



5C175A



700422



00420D



00444B

Sweetspot

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



5C175A



785C77



18175C



3D2C3D



BDBDBD



3D3D3D

Same Dimension

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



5C175A



780C75



5C1738



2E292E



6E006A



ED00E6

Inverse Universe

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



5C175A



780C75



175C3B



2E292E



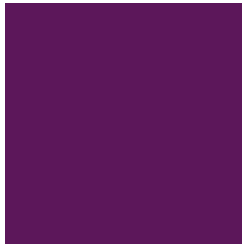
6E006A



ED00E6

Previews

White Background



This preview shows how the Hex color 5C175A 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

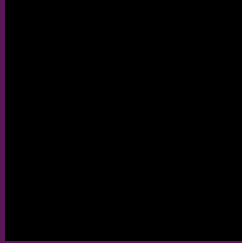
Any Text WCAG AA × Fail

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 5C175A Background



This preview shows how black text looks on a background with the Hex color 5C175A.



This preview shows how white text looks on a background with the Hex color 5C175A.

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
57282B

Trichromacy



Original Color
5C175A

Protanomaly
212A69

Deuteranomaly
3B2B57

Tritanomaly
59223C

Monochromacy



Original Color
5C175A

Achromatopsia
333333

Achromatomaly
422941

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C175A 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 #5C175A looks like.

```
.text, #text, p{  
    color:#5C175A  
}
```

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 #5C175A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C175A
}
```

Border

The CSS property to change the border of an element to Hex 5C175A 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".

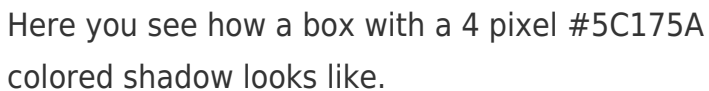
```
.border, #border, table{ border:4px solid
#5C175A }
```

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

```
.border{ border-color:#5C175A }
```

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

Here you see how a box with a 4 pixel #5C175A 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 on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C175A; -webkit-box-shadow:4px 4px  
4px 4px #5C175A; box-shadow:4px 4px 4px  
4px #5C175A }
```

Background

The CSS property to change the background color of an element to Hex 5C175A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C175A }
```

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

```
.background{ background-color:#5C175A }
```

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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