

Converting Colors

Hex(5A185A)

Have a look what the booklet for
Hex(5A185A) contains.

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Color

Hex(5A185A)

Conversions

Conversions Part 1

Format	Color
Hex	5A185A
RGB	90, 24, 90
RGB Percent	35%, 9%, 35%
CMY	0.6471, 0.9059, 0.6471
CMYK	0.00, 0.73, 0.00, 0.65
HSL	300°, 58%, 22%
HSV	300°, 73%, 35%
XYZ	6.3885, 3.5651, 10.0243
YIQ	51.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

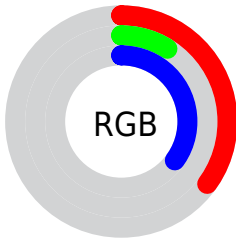
Format	Color
R_YB	90, 24, 90
Decimal	5904474
CIE _{Lab}	22.18, 38.73, -24.48
CIE _{LCh}	22, 45.822, 327.702
Yxy	3.5651, 0.3198, 0.1785
Android (android.graphics.Color)	4284094554 (0xFF5A185A)
YUV	51.2580, 19.0998, 33.9767
Hunter-Lab	18.8815, 27.3527, -18.2603

Details

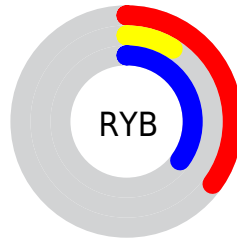
The Hex color **5A185A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **185A18**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8E4A8C**, and **2B002C** is the 20% darker color. If you saturate the color by 10%, you get **5A0F5A**, and if you desaturate by 10%, it is **5A215A**.

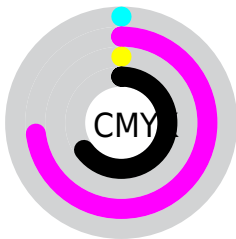
Distribution



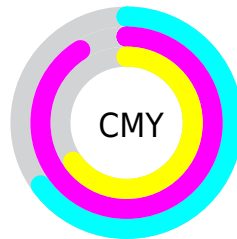
- Red (35%)
- Green (9%)
- Blue (35%)



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



- Cyan (0%)
- Magenta (73%)
- Yellow (0%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5A185A 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 5A185A by changing the saturation by 10% instead.

 5A185A

 5A185A

FFFFFF

 410042

 8E4A8C

 2B002C

 AA63A7

 000016

 C67DC2

 000000

 E298DE

 FF3FB

 FFCFF

 FFECFF

 5A185A

 5A185A

■ 5A0F5A

■ 5A215A

■ 5A065A

■ 5A2A5A

■ 5A005A

■ 5A335A

■ 5A3C5A

■ 5A455A

■ 5A4E5A

■ 5A575A

■ 5A605A

■ 5A695A

Harmonies

Analogous

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



282D72



5A185A



6D0039

Triad

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



5A185A



453300



004354

Complementary

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



5A185A



185A18

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.



004331



5A185A



243C00

Square

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



5A185A



5E2300



00410C



00416F

Rectangle

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



5A185A



6F0423



00410C



004349

Sweetspot

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



5A185A



755B75



18185A



3B2B3B



BABABA



3B3B3B

Same Dimension

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



5A185A



750E75



5A1839



2E292E



6E006E



ED00ED

Inverse Universe

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



5A185A



750E75



185A39



2E292E



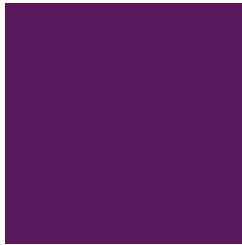
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 5A185A looks on a white background.

Color Contrast Check

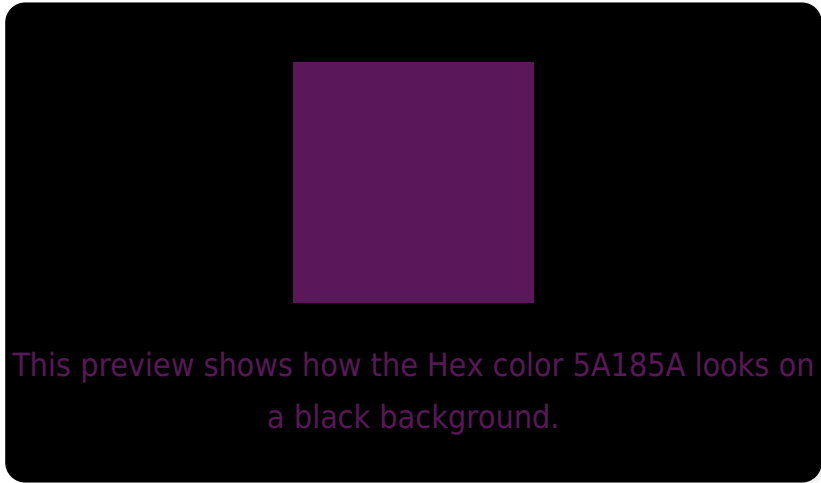
Large Text (above 18pt) WCAG AA ✓ Pass

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

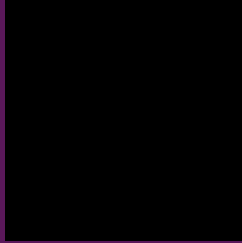
Any Text WCAG AA × Fail

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 5A185A Background



This preview shows how black text looks on a background with the Hex color 5A185A.



This preview shows how white text looks on a background with the Hex color 5A185A.

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
5A185A

Protanopia
003570

Deuteranopia
263755



Tritanopia
55292B

Trichromacy



Original Color
5A185A

Protanomaly
212A68

Deuteranomaly
392C57

Tritanomaly
57233C

Monochromacy



Original Color
5A185A

Achromatopsia
333333

Achromatomaly
412941

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A185A 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 #5A185A looks like.

```
.text, #text, p{  
    color:#5A185A  
}
```

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 #5A185A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A185A
}
```

Border

The CSS property to change the border of an element to Hex 5A185A 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".

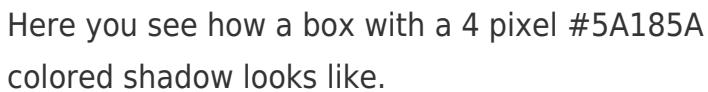
```
.border, #border, table{ border:4px solid
#5A185A }
```

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

```
.border{ border-color:#5A185A }
```

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

Here you see how a box with a 4 pixel #5A185A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A185A; -webkit-box-shadow:4px 4px  
4px 4px #5A185A; box-shadow:4px 4px 4px  
4px #5A185A }
```

Background

The CSS property to change the background color of an element to Hex 5A185A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A185A }
```

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

```
.background{ background-color:#5A185A }
```

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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