

Converting Colors

Hex(5A005F)

Have a look what the booklet for
Hex(5A005F) contains.

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Color

Hex(5A005F)

Conversions

Conversions Part 1

Format	Color
Hex	5A005F
RGB	90, 0, 95
RGB Percent	35%, 0%, 37%
CMY	0.6471, 1.0000, 0.6275
CMYK	0.05, 1.00, 0.00, 0.63
HSL	297°, 100%, 19%
HSV	297°, 100%, 37%
XYZ	6.2820, 2.9999, 11.0744
YIQ	37.7400, 23.1450, 48.6250

Conversions

Conversions Part 2

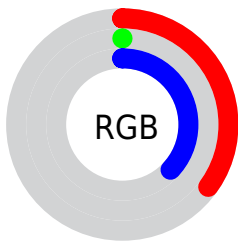
Format	Color
R _Y B	90, 0, 95
Decimal	5898335
CIE Lab	20.04, 46.80, -31.21
CIE LCh	20, 56.253, 326.297
Yxy	2.9999, 0.3086, 0.1474
Android (android.graphics.Color)	4284088415 (0xFF5A005F)
YUV	37.7400, 28.2292, 45.8320
Hunter-Lab	17.3202, 34.4315, -25.7855

Details

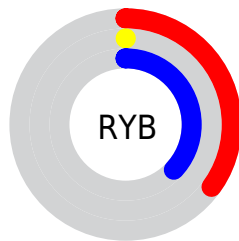
The Hex color **5A005F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **055F00**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **8F3D92**, and **2B0030** is the 20% darker color. If you saturate the color by 10%, you get **5A005F**, and if you desaturate by 10%, it is **5B095F**.

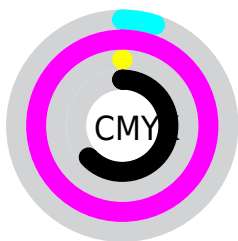
Distribution



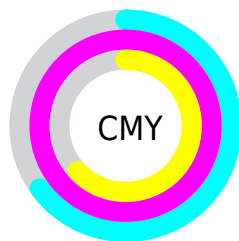
- Red (35%)
- Green (0%)
- Blue (37%)



- Red (35%)
- Yellow (0%)
- Blue (37%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (65%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A005F 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 5A005F by changing the saturation by 10% instead.

 5A005F

 5A005F

 FFFDFF

 400047

 8F3D92

 2B0030

 AB57AD

 00001A

 C771C8

 000000

 E48CE5

 FFA7FF

 FFC3FF

 FFE0FF

 5A005F

■ 5B095F

■ 5B135F

■ 5C1D5F

■ 5C265F

■ 5D305F

■ 5D395F

■ 5E435F

■ 5E4C5F

■ 5F565F

Harmonies

Analogous

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



05287C



5A005F



720037

Triad

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



5A005F



412D00



004054

Complementary

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



5A005F



055F00

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.



003F2A



5A005F



173800

Square

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



5A005F



5F1700



003D00



003F76

Rectangle

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



5A005F



74001D



003D00



004047

Sweetspot

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



5A005F



78567A



00065F



3C273D



BDBDBD



3D3D3D

Same Dimension

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



5A005F



74007A



5F0036



302C30



6A0070



E300F0

Inverse Universe

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



5F0005



7A0006



005F29



302C2C



700006



F0000D

Previews

White Background



This preview shows how the Hex color 5A005F looks on a white background.

Color Contrast Check

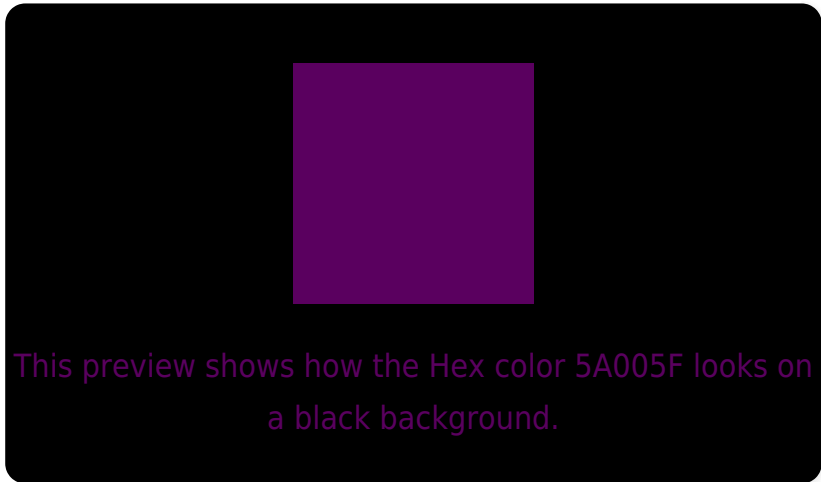
Large Text (above 18pt) WCAG AA ✓ Pass

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

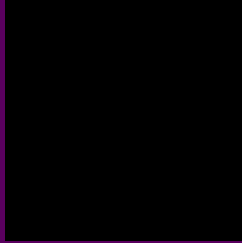
Any Text WCAG AA × Fail

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 5A005F Background



This preview shows how black text looks on a background with the Hex color 5A005F.



This preview shows how white text looks on a background with the Hex color 5A005F.

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
5A005F

Protanopia
00336B

Deuteranopia
193559



Tritanopia
542528

Trichromacy



Original Color
5A005F

Protanomaly
212067

Deuteranomaly
31225B

Tritanomaly
56183C

Monochromacy



Original Color
5A005F

Achromatopsia
262626

Achromatomaly
39183B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A005F 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 #5A005F looks like.

```
.text, #text, p{  
    color:#5A005F  
}
```

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 #5A005F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A005F
}
```

Border

The CSS property to change the border of an element to Hex 5A005F is called "border". The border property can be set on classes, ids or directly on the HTML element.

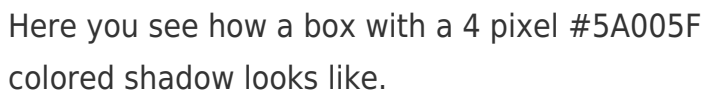
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A005F }
```

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

```
.border{ border-color:#5A005F }
```

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



Here you see how a box with a 4 pixel #5A005F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A005F; -webkit-box-shadow:4px 4px  
4px 4px #5A005F; box-shadow:4px 4px 4px  
4px #5A005F }
```

Background

The CSS property to change the background color of an element to Hex 5A005F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A005F }
```

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

```
.background{ background-color:#5A005F }
```

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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