

Converting Colors

Hex(5A0067)

Have a look what the booklet for
Hex(5A0067) contains.

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Color

Hex(5A0067)

Conversions

Conversions Part 1

Format	Color
Hex	5A0067
RGB	90, 0, 103
RGB Percent	35%, 0%, 40%
CMY	0.6471, 1.0000, 0.5961
CMYK	0.13, 1.00, 0.00, 0.60
HSL	292°, 100%, 20%
HSV	292°, 100%, 40%
XYZ	6.6646, 3.1529, 13.0893
YIQ	38.6520, 20.5770, 51.1130

Conversions

Conversions Part 2

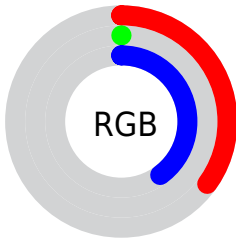
Format	Color
R_{YB}	90, 0, 103
Decimal	5898343
CIE _{Lab}	20.65, 48.22, -35.52
CIE _{LCh}	21, 59.895, 323.623
Yxy	3.1529, 0.2909, 0.1376
Android (android.graphics.Color)	4284088423 (0xFF5A0067)
YUV	38.6520, 31.7236, 45.0322
Hunter-Lab	17.7565, 35.9234, -31.2763

Details

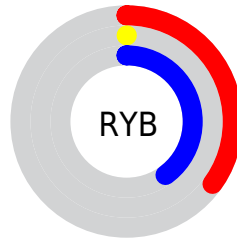
The Hex color **5A0067** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D6700**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8F3E9B**, and **2A0037** is the 20% darker color. If you saturate the color by 10%, you get **5A0067**, and if you desaturate by 10%, it is **5B0A67**.

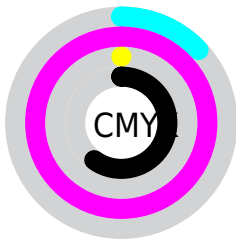
Distribution



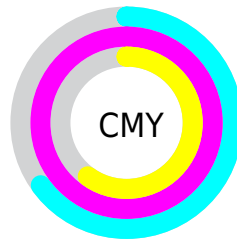
- Red (35%)
- Green (0%)
- Blue (40%)



- Red (35%)
- Yellow (0%)
- Blue (40%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0067 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 5A0067 by changing the saturation by 10% instead.

 5A0067

 5A0067


FFFEFF

 40004E

 8F3E9B

 2A0037

 AB58B6

 000021

 C772D2

 000005

 E48DEE

 000000

 FFA8FF

 FFC4FF

 FFE1FF

 5A0067

■ 5B0A67

■ 5D1567

■ 5E1F67

■ 5F2967

■ 613467

■ 623E67

■ 634867

■ 645267

■ 665D67

Harmonies

Analogous

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



002B85



5A0067



76003D

Triad

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



5A0067



462D00



004254

Complementary

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



5A0067



0D6700

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.



004127



5A0067



1B3900

Square

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



5A0067



651100



003F00



00417A

Rectangle

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



5A0067



790021



003F00



004246

Sweetspot

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



5A0067



825F87



000E67



422C45



C4C4C4



454545

Same Dimension

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



5A0067



760087



670041



322E33



640073



D400F2

Inverse Universe

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



67000D



870011



006726



332E2F



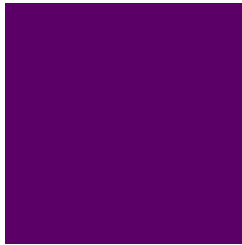
73000E



F2001F

Previews

White Background



This preview shows how the Hex color 5A0067 looks on a white background.

Color Contrast Check

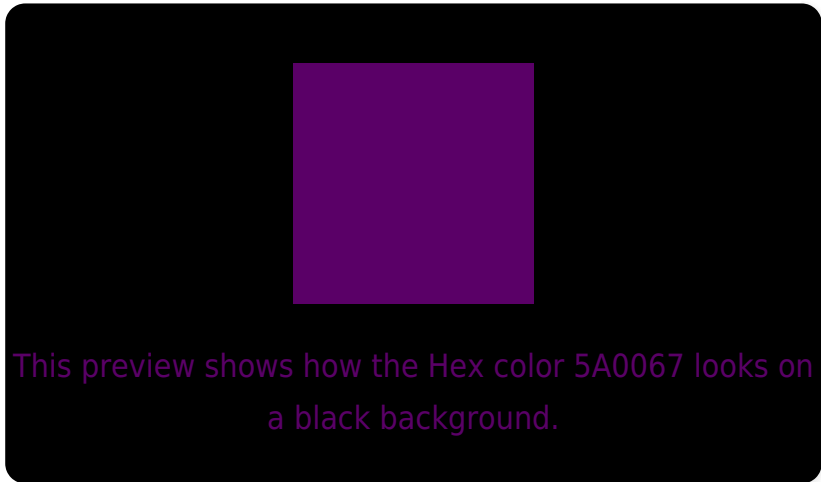
Large Text (above 18pt) WCAG AA ✓ Pass

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

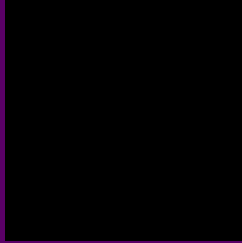
Any Text WCAG AA × Fail

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 5A0067 Background



This preview shows how black text looks on a background with the Hex color 5A0067.



This preview shows how white text looks on a background with the Hex color 5A0067.

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



Trichromacy

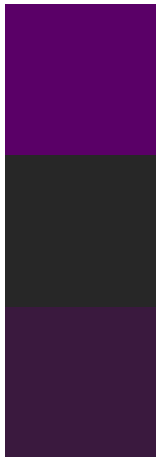


Original Color
5A0067

Protanomaly
21216B

Tritanomaly
551941

Monochromacy



Original Color
5A0067

Achromatopsia
272727

Achromatomaly
3A193E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0067 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 #5A0067 looks like.

```
.text, #text, p{  
    color:#5A0067  
}
```

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 #5A0067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0067
}
```

Border

The CSS property to change the border of an element to Hex 5A0067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

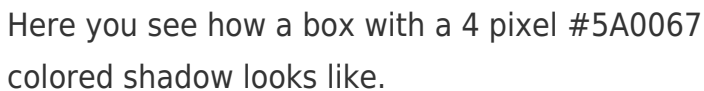
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0067 }
```

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

```
.border{ border-color:#5A0067 }
```

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



Here you see how a box with a 4 pixel #5A0067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0067; -webkit-box-shadow:4px 4px  
4px 4px #5A0067; box-shadow:4px 4px 4px  
4px #5A0067 }
```

Background

The CSS property to change the background color of an element to Hex 5A0067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0067 }
```

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

```
.background{ background-color:#5A0067 }
```

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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