

Converting Colors

Hex(5C0A67)

Have a look what the booklet for
Hex(5C0A67) contains.

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Color

Hex(5C0A67)

Conversions

Conversions Part 1

Format	Color
Hex	5C0A67
RGB	92, 10, 103
RGB Percent	36%, 4%, 40%
CMY	0.6392, 0.9608, 0.5961
CMYK	0.11, 0.90, 0.00, 0.60
HSL	293°, 82%, 22%
HSV	293°, 90%, 40%
XYZ	6.9704, 3.4717, 13.1347
YIQ	45.1200, 19.0190, 46.3070

Conversions

Conversions Part 2

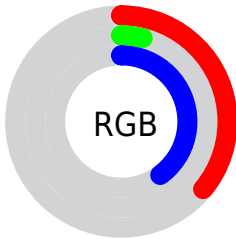
Format	Color
RYB	92, 10, 103
Decimal	6031975
CIELab	21.84, 46.18, -33.58
CIElCh	22, 57.093, 323.977
Yxy	3.4717, 0.2956, 0.1472
Android (android.graphics.Color)	4284222055 (0xFF5C0A67)
YUV	45.1200, 28.5348, 41.1138
Hunter-Lab	18.6324, 34.1699, -28.7531

Details

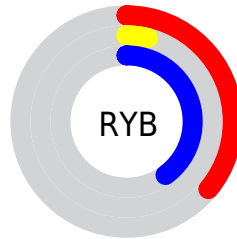
The Hex color **5C0A67** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **15670A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **91439B**, and **2C0037** is the 20% darker color. If you saturate the color by 10%, you get **5B0067**, and if you desaturate by 10%, it is **5D1467**.

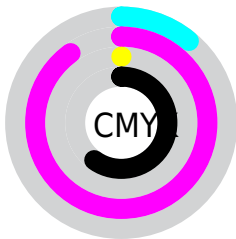
Distribution



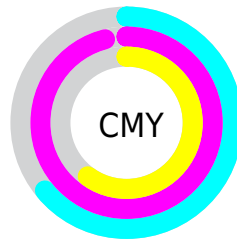
- Red (36%)
- Green (4%)
- Blue (40%)



- Red (36%)
- Yellow (4%)
- Blue (40%)



- Cyan (11%)
- Magenta (90%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0A67 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 5C0A67 by changing the saturation by 10% instead.

 5C0A67

 5C0A67

FFFFFF

 42004F

 91439B

 2C0037

 AD5DB6

 050021

 C977D2

 000006

 E692EE

 000000

 FFADFF

 FFC9FF

 FFE6FF

 5C0A67

 5C0A67

■ 5B0067

■ 5D1467

■ 5E1F67

■ 602967

■ 613367

■ 623D67

■ 634867

■ 655267

■ 665C67

■ 676767

Harmonies

Analogous

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



002D83



5C0A67



77003F

Triad

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



5C0A67



493000



004556

Complementary

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



5C0A67



15670A

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.



00442A



5C0A67



203C00

Square

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



5C0A67



661800



004100



004379

Rectangle

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



5C0A67



7A0023



004100



004548

Sweetspot

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



5C0A67



836387



0A1667



422F45



C4C4C4



454545

Same Dimension

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



5C0A67



770087



670A45



322E33



650073



D600F2

Inverse Universe

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



670A15



870010



0A672C



332E2F



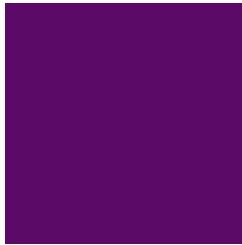
73000E



F2001D

Previews

White Background



This preview shows how the Hex color 5C0A67 looks on a white background.

Color Contrast Check

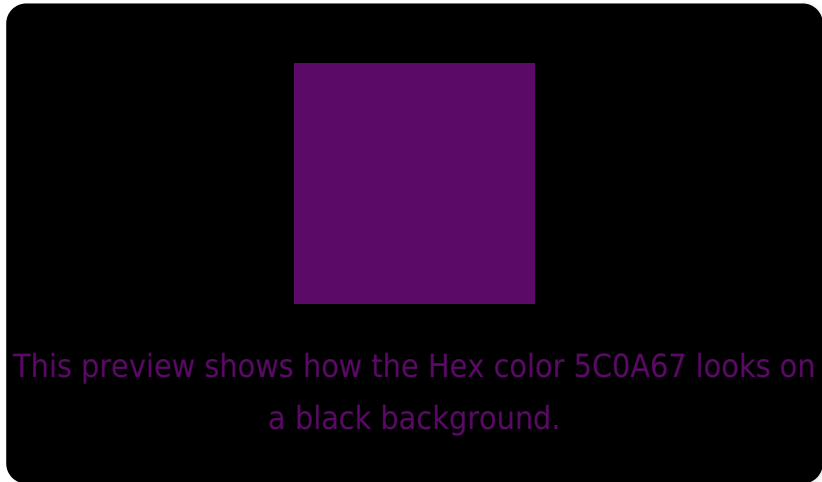
Large Text (above 18pt) WCAG AA ✓ Pass

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

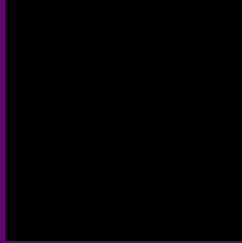
Any Text WCAG AA × Fail

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 5C0A67 Background



This preview shows how black text looks on a background with the Hex color 5C0A67.



This preview shows how white text looks on a background with the Hex color 5C0A67.

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
5C0A67

Protanopia
003570

Deuteranopia
113861



Tritanopia
55292C

Trichromacy



Original Color
5C0A67



Protanomaly
21256D



Deuteranomaly
2C2763



Tritanomaly
581E41

Monochromacy



Original Color
5C0A67



Achromatopsia
2D2D2D



Achromatomaly
3E2042

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0A67 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 #5C0A67 looks like.

```
.text, #text, p{  
    color:#5C0A67  
}
```

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 #5C0A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0A67
}
```

Border

The CSS property to change the border of an element to Hex 5C0A67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

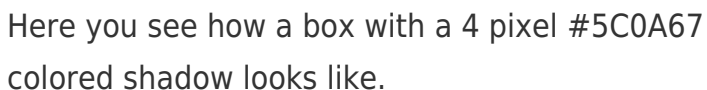
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0A67 }
```

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

```
.border{ border-color:#5C0A67 }
```

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



Here you see how a box with a 4 pixel #5C0A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0A67; -webkit-box-shadow:4px 4px  
4px 4px #5C0A67; box-shadow:4px 4px 4px  
4px #5C0A67 }
```

Background

The CSS property to change the background color of an element to Hex 5C0A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0A67 }
```

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

```
.background{ background-color:#5C0A67 }
```

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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