

Converting Colors

Hex(5A007D)

Have a look what the booklet for
Hex(5A007D) contains.

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Color

Hex(5A007D)

Conversions

Conversions Part 1

Format	Color
Hex	5A007D
RGB	90, 0, 125
RGB Percent	35%, 0%, 49%
CMY	0.6471, 1.0000, 0.5098
CMYK	0.28, 1.00, 0.00, 0.51
HSL	283°, 100%, 25%
HSV	283°, 100%, 49%
XYZ	7.9181, 3.6543, 19.6901
YIQ	41.1600, 13.5150, 57.9550

Conversions

Conversions Part 2

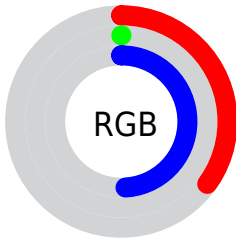
Format	Color
RYB	90, 0, 125
Decimal	5898365
CIELab	22.49, 52.45, -46.73
CIELCh	22, 70.247, 318.301
Yxy	3.6543, 0.2533, 0.1169
Android (android.graphics.Color)	4284088445 (0xFF5A007D)
YUV	41.1600, 41.3331, 42.8327
Hunter-Lab	19.1163, 40.4826, -47.6881

Details

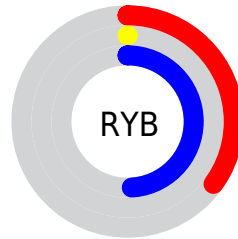
The Hex color **5A007D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **237D00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **9040B3**, and **26004B** is the 20% darker color. If you saturate the color by 10%, you get **5A007D**, and if you desaturate by 10%, it is **5D0C7D**.

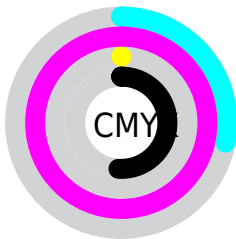
Distribution



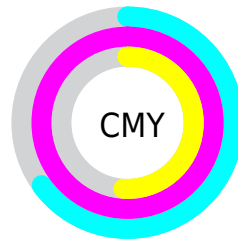
- Red (35%)
- Green (0%)
- Blue (49%)



- Red (35%)
- Yellow (0%)
- Blue (49%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (65%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A007D 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 5A007D by changing the saturation by 10% instead.

 5A007D

 5A007D

FFFFFF

 3F0063

 9040B3

 26004B

 AD5ACE

 010033

 C974EB

 00021D

 E68FFF

 000000

 FFABFF

 FFC7FF

 FFE4FF

 5A007D

■ 5D0C7D

■ 61197D

■ 64267D

■ 68327D

■ 6B3F7D

■ 6F4B7D

■ 72577D

■ 76647D

■ 7A717D

Harmonies

Analogous

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



00339C



5A007D



83004D

Triad

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



5A007D



542C00



004856

Complementary

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



5A007D



237D00

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.



00471E



5A007D



233D00

Square

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



5A007D



760000



004400



004885

Rectangle

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



5A007D



8A002A



004400



004844

Sweetspot

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



5A007D



9572A3



00237D



493452



D1D1D1



525252

Same Dimension

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



5A007D



7600A3



7D0062



3E3940



5C0080



000000

Inverse Universe

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



7D0023



A3002E



007D1B



40393B



800024



000000

Previews

White Background



This preview shows how the Hex color 5A007D looks on a white background.

Color Contrast Check

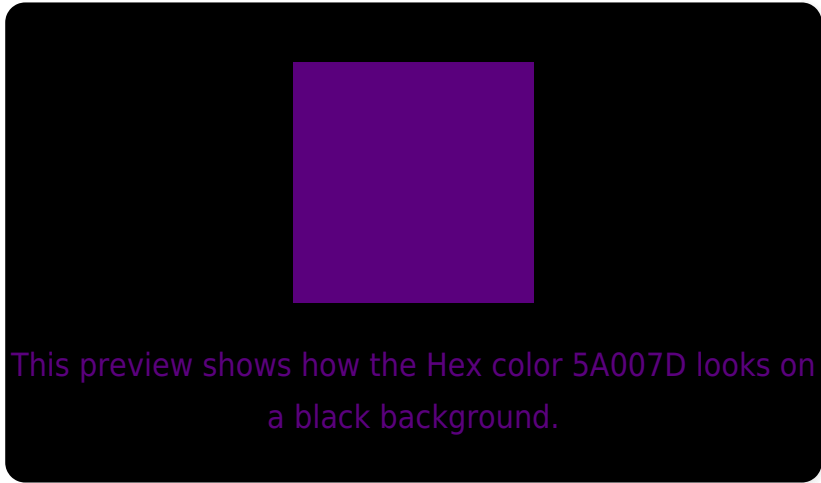
Large Text (above 18pt) WCAG AA ✓ Pass

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

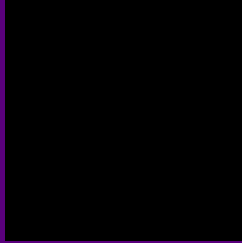
Any Text WCAG AA × Fail

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 5A007D Background



This preview shows how black text looks on a background with the Hex color 5A007D.



This preview shows how white text looks on a background with the Hex color 5A007D.

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
5A007D

Protanopia
003775

Deuteranopia
003B65



Tritanopia
4E3135

Trichromacy



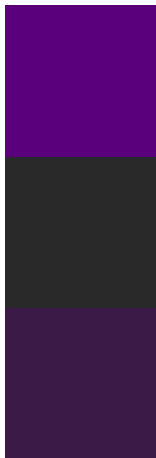
Original Color
5A007D

Protanomaly
212378

Deuteranomaly
21266E

Tritanomaly
521F4F

Monochromacy



Original Color
5A007D

Achromatopsia
292929

Achromatomaly
3B1A48

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A007D 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 #5A007D looks like.

```
.text, #text, p{  
    color:#5A007D  
}
```

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 #5A007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A007D
}
```

Border

The CSS property to change the border of an element to Hex 5A007D is called "border". The border property can be set on classes, ids or directly on the HTML element.

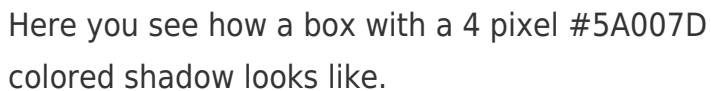
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A007D }
```

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

```
.border{ border-color:#5A007D }
```

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



Here you see how a box with a 4 pixel #5A007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A007D; -webkit-box-shadow:4px 4px  
4px 4px #5A007D; box-shadow:4px 4px 4px  
4px #5A007D }
```

Background

The CSS property to change the background color of an element to Hex 5A007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A007D }
```

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

```
.background{ background-color:#5A007D }
```

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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