

Converting Colors

Hex(5D117A)

Have a look what the booklet for
Hex(5D117A) contains.

Hex(5D117A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(5D117A)

Conversions

Conversions Part 1

Format	Color
Hex	5D117A
RGB	93, 17, 122
RGB Percent	36%, 7%, 48%
CMY	0.6353, 0.9333, 0.5216
CMYK	0.24, 0.86, 0.00, 0.52
HSL	283°, 76%, 27%
HSV	283°, 86%, 48%
XYZ	8.2275, 4.1332, 18.7765
YIQ	51.6940, 11.5910, 48.7670

Conversions

Conversions Part 2

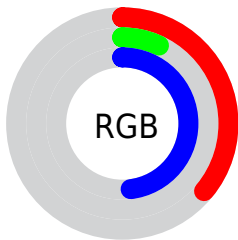
Format	Color
RYB	93, 17, 122
Decimal	6099322
CIELab	24.11, 48.31, -42.17
CIElCh	24, 64.124, 318.878
Yxy	4.1332, 0.2642, 0.1327
Android (android.graphics.Color)	4284289402 (0xFF5D117A)
YUV	51.6940, 34.6609, 36.2254
Hunter-Lab	20.3303, 36.6596, -40.5275

Details

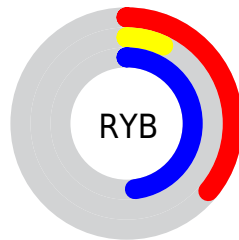
The Hex color **5D117A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2E7A11**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9348AF**, and **2A0048** is the 20% darker color. If you saturate the color by 10%, you get **5A057A**, and if you desaturate by 10%, it is **601D7A**.

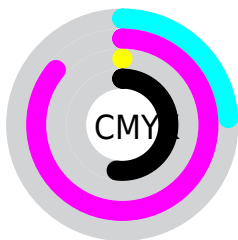
Distribution



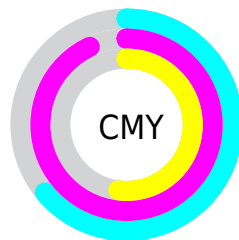
- Red (36%)
- Green (7%)
- Blue (48%)



- Red (36%)
- Yellow (7%)
- Blue (48%)



- Cyan (24%)
- Magenta (86%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (93%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D117A 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 5D117A by changing the saturation by 10% instead.

■ 5D117A

■ 5D117A

FFFFFF

■ 430061

■ 9348AF

■ 2A0048

■ AF62CB

■ 0C0031

■ CB7CE7

■ 00011B

■ E897FF

■ 000000

■ FFB2FF

■ FFCFFF

■ FFE8FF

■ 5D117A

■ 5D117A

■ 5A057A

■ 601D7A

■ 58007A

■ 64297A

■ 67367A

■ 6A427A

■ 6E4E7A

■ 715A7A

■ 75667A

■ 78737A

■ 7B7F7A

Harmonies

Analogous

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



003697



5D117A



82004D

Triad

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



5D117A



563100



004B58

Complementary

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



5D117A



2E7A11

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.



004A25



5D117A



2A4000

Square

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



5D117A



760E00



004700



004B83

Rectangle

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



5D117A



88002E



004700



004B47

Sweetspot

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



5D117A



93759E



112F7A



48374F



CFCFCF



4F4F4F

Same Dimension

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



5D117A



72009E



7A1163



3C373D



5A007D



B700FC

Inverse Universe

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



7A112E



9E002C



117A28



3D3739



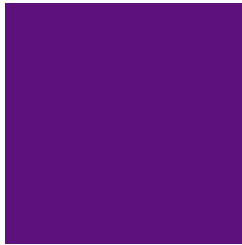
7D0023



FC0046

Previews

White Background



This preview shows how the Hex color 5D117A looks on a white background.

Color Contrast Check

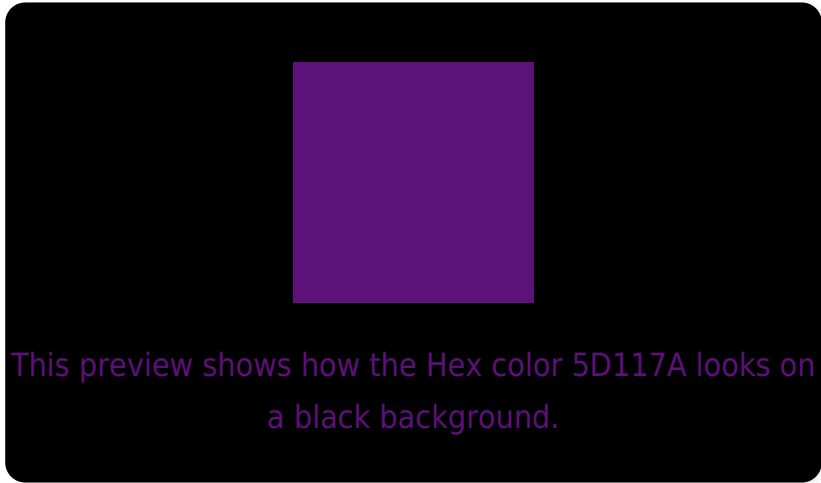
Large Text (above 18pt) WCAG AA ✓ Pass

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

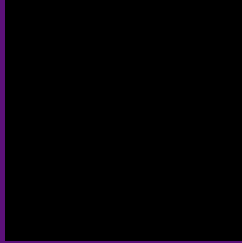
Any Text WCAG AA × Fail

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 5D117A Background



This preview shows how black text looks on a background with the Hex color 5D117A.

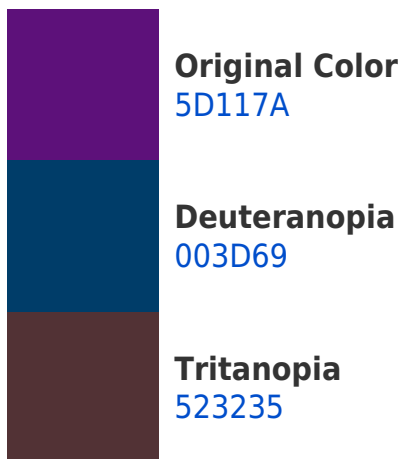


This preview shows how white text looks on a background with the Hex color 5D117A.

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

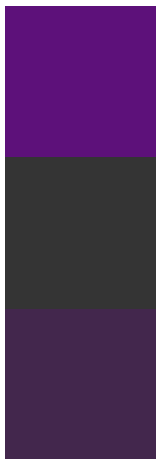


Original Color
5D117A

Deuteranomaly
222D6F

Tritanomaly
56264E

Monochromacy



Original Color
5D117A

Achromatopsia
343434

Achromatomaly
43274D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D117A 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 #5D117A looks like.

```
.text, #text, p{  
    color:#5D117A  
}
```

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 #5D117A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D117A
}
```

Border

The CSS property to change the border of an element to Hex 5D117A is called "border". The border property can be set on classes, ids or directly on the HTML element.

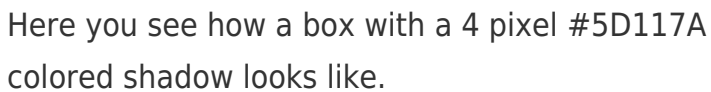
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D117A }
```

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

```
.border{ border-color:#5D117A }
```

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



Here you see how a box with a 4 pixel #5D117A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D117A; -webkit-box-shadow:4px 4px  
4px 4px #5D117A; box-shadow:4px 4px 4px  
4px #5D117A }
```

Background

The CSS property to change the background color of an element to Hex 5D117A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D117A }
```

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

```
.background{ background-color:#5D117A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor