

# Converting Colors

Hex(571A7F)

Have a look what the booklet for  
Hex(571A7F) contains.

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# Color

Hex(571A7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	571A7F
RGB	87, 26, 127
RGB Percent	34%, 10%, 50%
CMY	0.6588, 0.8980, 0.5020
CMYK	0.31, 0.80, 0.00, 0.50
HSL	276°, 66%, 30%
HSV	276°, 80%, 50%
XYZ	8.1306, 4.2973, 20.4796
YIQ	55.7530, 3.9350, 44.3430

# Conversions

## Conversions Part 2

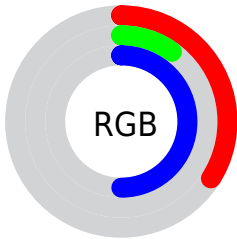
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	87, 26, 127
Decimal	5708415
CIE Lab	24.63, 45.18, -44.54
CIE LCh	25, 63.438, 315.407
Yxy	4.2973, 0.2471, 0.1306
Android (android.graphics.Color)	4283898495 (0xFF571A7F)
YUV	55.7530, 35.1248, 27.4036
Hunter-Lab	20.7300, 33.7330, -44.0628

# Details

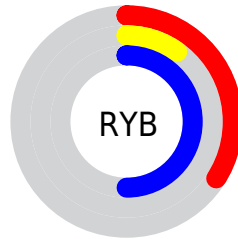
The Hex color **571A7F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **427F1A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8D4DB5**, and **23004D** is the 20% darker color. If you saturate the color by 10%, you get **520D7F**, and if you desaturate by 10%, it is **5C277F**.

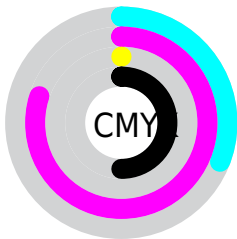
# Distribution



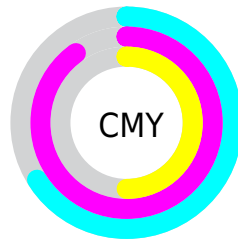
- Red (34%)
- Green (10%)
- Blue (50%)



- Red (34%)
- Yellow (10%)
- Blue (50%)



- Cyan (31%)
- Magenta (80%)
- Yellow (0%)
- Black (50%)



- Cyan (66%)
- Magenta (90%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 571A7F 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 571A7F by changing the saturation by 10% instead.



571A7F

571A7F

FFFFFF

3D0065

8D4DB5

23004D

A867D0

020035

C581ED

00021F

E29CFF

000002

FFB7FF

000000

FFD3FF

FFF0FF

571A7F

571A7F

■ 520D7F

■ 5C277F

■ 4D017F

■ 61337F

■ 4D007F

■ 66407F

■ 6B4D7F

■ 70597F

■ 75667F

■ 7A737F

■ 7F807F

■ 848C7F

# Harmonies

## Analogous

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



003999



571A7F



800054

# Triad

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



571A7F



5C3000



004D53

# Complementary

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



571A7F



427F1A

# 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.



004B20



571A7F



324000

# Square

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



571A7F



7A0800



004800



004C7F

# Rectangle

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



571A7F



890034



004800



004C42



# Sweetspot

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



571A7F



967EA6



1A427F



4A3C54



D4D4D4



545454



# Same Dimension

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



571A7F



6708A6



7F1A75



3D3940



4D0080



000000



# Inverse Universe

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



7F1A42



A60847



1A7F24



40393C



800032

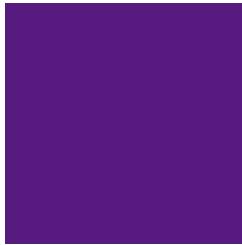


000000



# Previews

## White Background



This preview shows how the Hex color 571A7F looks on a white background.

## Color Contrast Check

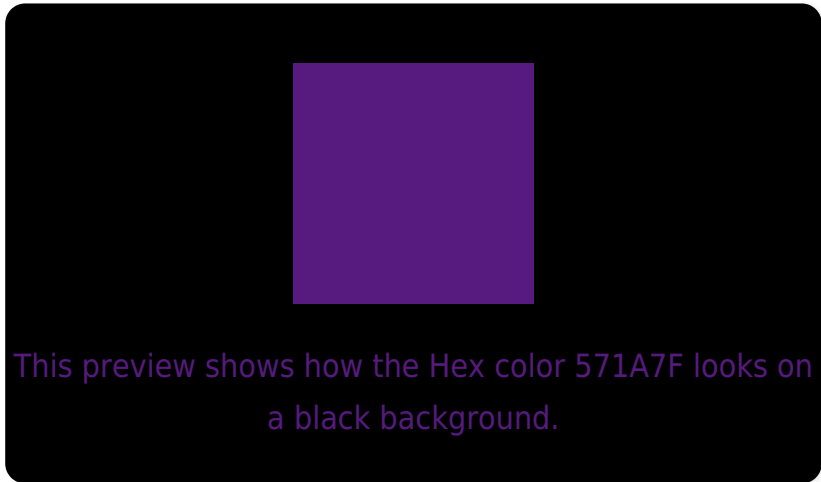
Large Text (above 18pt) WCAG AA ✓ Pass

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

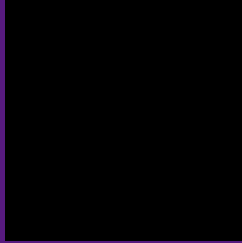
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 571A7F Background



This preview shows how black text looks on a background with the Hex color 571A7F.

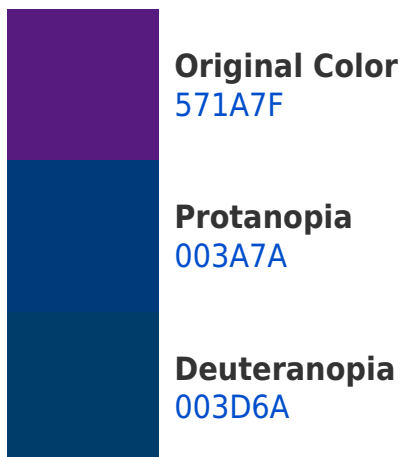


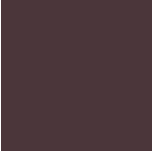
This preview shows how white text looks on a background with the Hex color 571A7F.

# 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



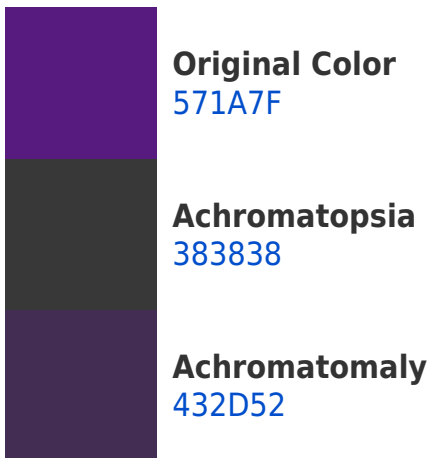


**Tritanopia**  
4B363A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 571A7F 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 #571A7F looks like.

```
.text, #text, p{  
    color:#571A7F  
}
```

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 #571A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571A7F
}
```

## Border

The CSS property to change the border of an element to Hex 571A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

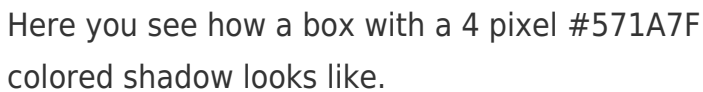
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#571A7F }
```

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

```
.border{ border-color:#571A7F }
```

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



Here you see how a box with a 4 pixel #571A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571A7F; -webkit-box-shadow:4px 4px  
4px 4px #571A7F; box-shadow:4px 4px 4px  
4px #571A7F }
```

# Background

The CSS property to change the background color of an element to Hex 571A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571A7F }
```

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

```
.background{ background-color:#571A7F }
```

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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