

# Converting Colors

Hex(6D579F)

Have a look what the booklet for  
Hex(6D579F) contains.

<b>Hex(6D579F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6D579F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D579F
RGB	109, 87, 159
RGB Percent	43%, 34%, 62%
CMY	0.5725, 0.6588, 0.3765
CMYK	0.31, 0.45, 0.00, 0.38
HSL	258°, 29%, 48%
HSV	258°, 45%, 62%
XYZ	15.9729, 12.5708, 34.3854
YIQ	101.7860, -10.0000, 27.0560

# Conversions

## Conversions Part 2

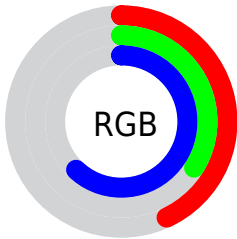
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 87, 159
Decimal	7165855
CIE Lab	42.11, 25.45, -36.01
CIE LCh	42, 44.095, 305.252
Yxy	12.5708, 0.2538, 0.1998
Android (android.graphics.Color)	4285355935 (0xFF6D579F)
YUV	101.7860, 28.2065, 6.3267
Hunter-Lab	35.4553, 18.3687, -32.6821

# Details

The Hex color **6D579F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **899F57**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A289D6**, and **3A296B** is the 20% darker color. If you saturate the color by 10%, you get **62479F**, and if you desaturate by 10%, it is **78679F**.

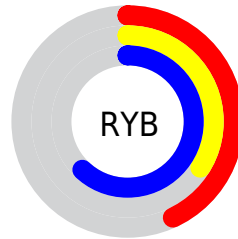
# Distribution



Red (43%)

Green (34%)

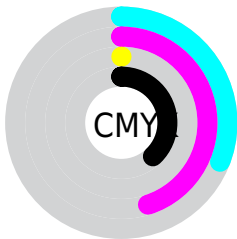
Blue (62%)



Red (43%)

Yellow (34%)

Blue (62%)

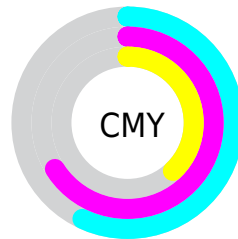


Cyan (31%)

Magenta (45%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (66%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D579F 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 6D579F by changing the saturation by 10% instead.



6D579F

6D579F

FFFFFF

533F85

A289D6

3A296B

BEA4F3

211452

DABFFF

0A003B

F7DBFF

000224

FFF7FF

00000C

000000

6D579F

6D579F

62479F

78679F

57379F

83779F

4C279F

8E879F

41179F

99979F

36079F

A4A69F

31009F

AFB69F

BAC69F

C5D69F

D0E69F

# Harmonies

## Analogous

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



1965AC



6D579F



944882

# Triad

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



6D579F



8E561F



007569

# Complementary

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



6D579F



899F57

# 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.



007343



6D579F



706413

# Square

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



6D579F



A1483B



4B6D23



00748C

# Rectangle

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



6D579F



A2426B



4B6D23



00745C



# Sweetspot

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



6D579F



BAB2CF



57899F



5C5769



E8E8E8



696969



# Same Dimension

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



6D579F



815FCF



91579F



4A474F



2C008F



05000F



# Inverse Universe

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



9F5789



CF5FAC



659F57



4F474D



8F0063

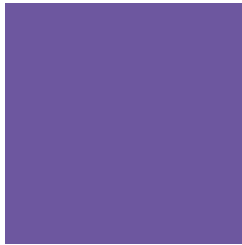


0F000B



# Previews

## White Background



This preview shows how the Hex color 6D579F looks on a white background.

## Color Contrast Check

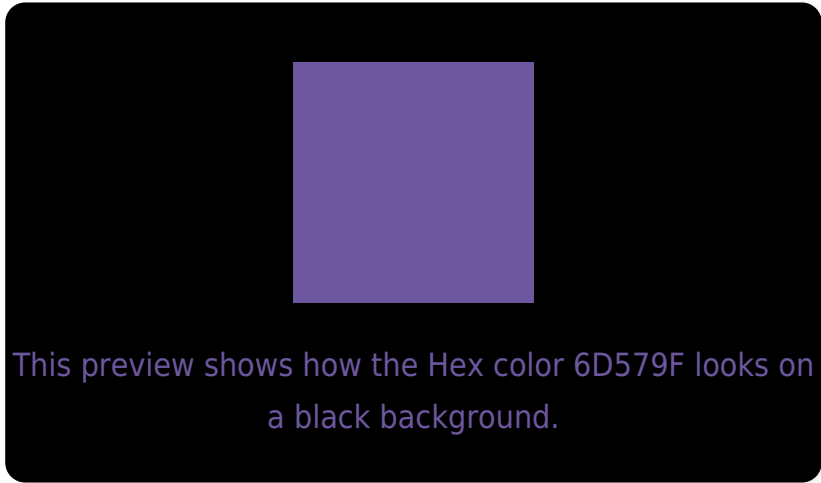
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

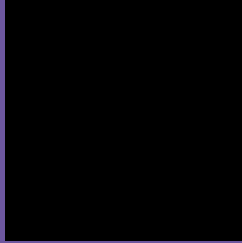
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D579F Background



This preview shows how black text looks on a background with the Hex color 6D579F.

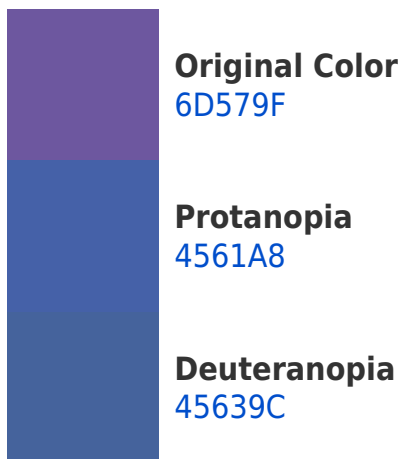


This preview shows how white text looks on a background with the Hex color 6D579F.

# 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](#).

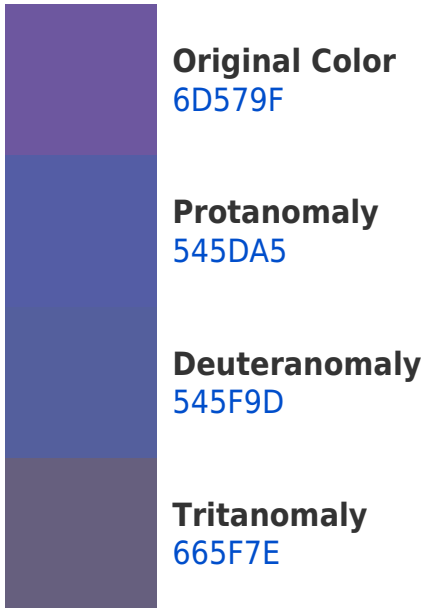
## Dichromacy



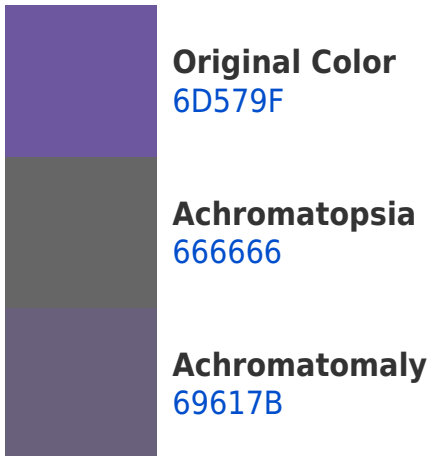


**Tritanopia**  
62636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D579F 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 #6D579F looks like.

```
.text, #text, p{  
    color:#6D579F  
}
```

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 #6D579F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D579F
}
```

## Border

The CSS property to change the border of an element to Hex 6D579F is called "border". The border property can be set on classes, ids or directly on the HTML element.

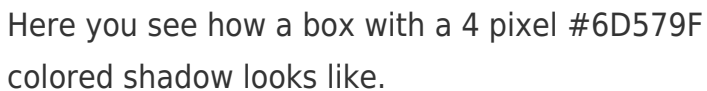
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D579F }
```

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

```
.border{ border-color:#6D579F }
```

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



Here you see how a box with a 4 pixel #6D579F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D579F; -webkit-box-shadow:4px 4px  
4px 4px #6D579F; box-shadow:4px 4px 4px  
4px #6D579F }
```

# Background

The CSS property to change the background color of an element to Hex 6D579F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D579F }
```

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

```
.background{ background-color:#6D579F }
```

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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