

# Converting Colors

Hex(6C59A6)

Have a look what the booklet for  
Hex(6C59A6) contains.

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# Color

**Hex(6C59A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C59A6
RGB	108, 89, 166
RGB Percent	42%, 35%, 65%
CMY	0.5765, 0.6510, 0.3490
CMYK	0.35, 0.46, 0.00, 0.35
HSL	255°, 30%, 50%
HSV	255°, 46%, 65%
XYZ	16.6397, 13.0861, 37.7253
YIQ	103.4590, -13.3930, 27.9750

# Conversions

## Conversions Part 2

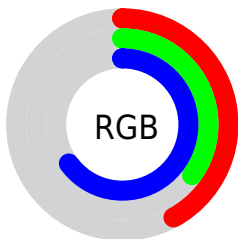
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 89, 166
Decimal	7100838
CIE <sub>Lab</sub>	42.89, 25.86, -38.93
CIE <sub>LCh</sub>	43, 46.738, 303.594
Yxy	13.0861, 0.2467, 0.1940
Android (android.graphics.Color)	4285290918 (0xFF6C59A6)
YUV	103.4590, 30.8327, 3.9825
Hunter-Lab	36.1747, 18.8009, -36.5091

# Details

The Hex color **6C59A6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **93A659**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A28BDE**, and **382B71** is the 20% darker color. If you saturate the color by 10%, you get **5F48A6**, and if you desaturate by 10%, it is **796AA6**.

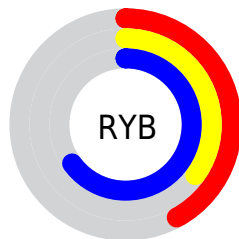
# Distribution



Red (42%)

Green (35%)

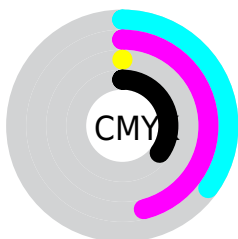
Blue (65%)



Red (42%)

Yellow (35%)

Blue (65%)

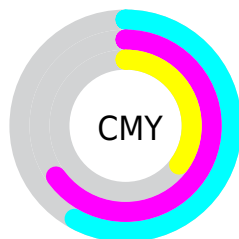


Cyan (35%)

Magenta (46%)

Yellow (0%)

Black (35%)



Cyan (58%)

Magenta (65%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C59A6 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 6C59A6 by changing the saturation by 10% instead.



6C59A6

6C59A6

FFFFFF

52418B

A28BDE

382B71

BEA6FA

1E1659

DAC1FF

020041

F7DDFF

00032A

FFFAFF

000114

000000

6C59A6

6C59A6

5F48A6

796AA6

5338A6

857AA6

4627A6

928BA6

3A17A6

9E9BA6

2D06A6

ABACA6

2900A6

B7BDA6

C4CDA6

D0DEA6

DDEEA6

# Harmonies

## Analogous

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



0068B3



6C59A6



984888

# Triad

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



6C59A6



94561E



007869

# Complementary

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



6C59A6



93A659

# 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.



007541



6C59A6



75650C

# Square

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



6C59A6



A7473D



4D6F1F



00778F

# Rectangle

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



6C59A6



A6416F



4D6F1F



00775B



# Sweetspot

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



6C59A6



C2BAD9



5994A6



605B6E



EDEDED



6E6E6E



# Same Dimension

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



6C59A6



7D5FD9



9159A6



4E4C54



240094



050014



# Inverse Universe

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



A65993



D95FBB



6EA659



544C52



94006F



14000F



# Previews

## White Background



This preview shows how the Hex color 6C59A6 looks on a white background.

## Color Contrast Check

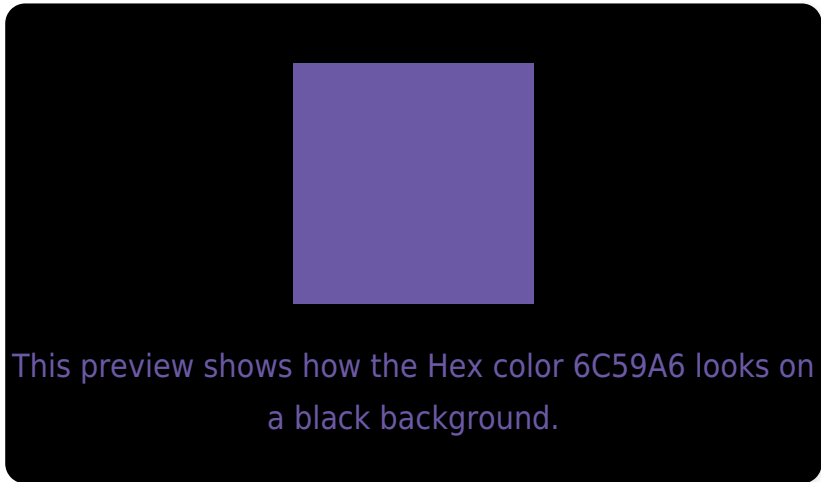
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C59A6 Background



This preview shows how black text looks on a background with the Hex color 6C59A6.



This preview shows how white text looks on a background with the Hex color 6C59A6.

# 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**  
6C59A6

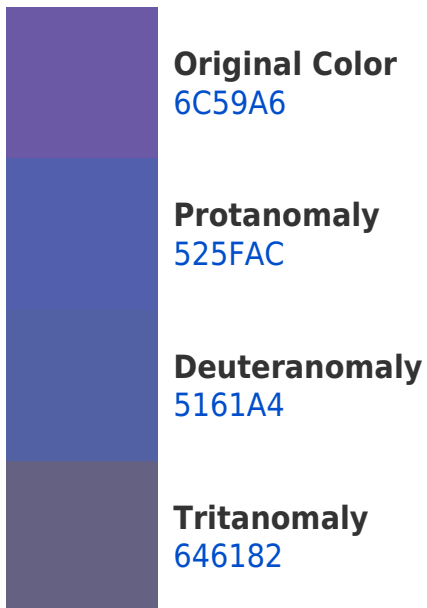
**Protanopia**  
4363AF

**Deuteranopia**  
4166A3

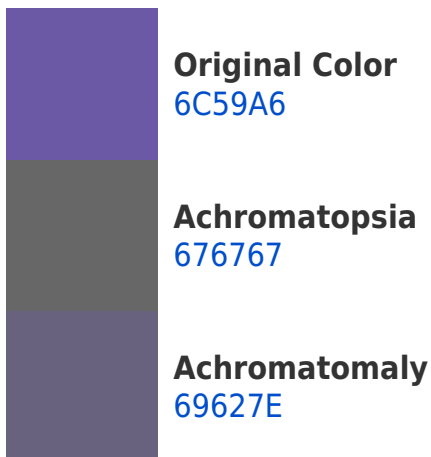


**Tritanopia**  
60666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C59A6 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 #6C59A6 looks like.

```
.text, #text, p{  
    color:#6C59A6  
}
```

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 #6C59A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C59A6
}
```

## Border

The CSS property to change the border of an element to Hex 6C59A6 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
#6C59A6 }
```

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

```
.border{ border-color:#6C59A6 }
```

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

Here you see how a box with a 4 pixel #6C59A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C59A6; -webkit-box-shadow:4px 4px  
4px 4px #6C59A6; box-shadow:4px 4px 4px  
4px #6C59A6 }
```

# Background

The CSS property to change the background color of an element to Hex 6C59A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C59A6 }
```

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

```
.background{ background-color:#6C59A6 }
```

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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