

# Converting Colors

Hex(6749C6)

Have a look what the booklet for  
Hex(6749C6) contains.

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# Color

Hex(6749C6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6749C6
RGB	103, 73, 198
RGB Percent	40%, 29%, 78%
CMY	0.5961, 0.7137, 0.2235
CMYK	0.48, 0.63, 0.00, 0.22
HSL	254°, 52%, 53%
HSV	254°, 63%, 78%
XYZ	18.1691, 11.7259, 54.7318
YIQ	96.2200, -22.2450, 45.2350

# Conversions

## Conversions Part 2

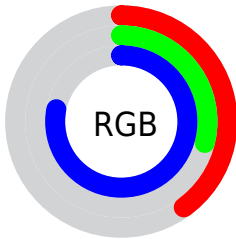
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 73, 198
Decimal	6769094
CIE <sub>Lab</sub>	40.78, 43.30, -61.13
CIE <sub>LCh</sub>	41, 74.912, 305.311
Yxy	11.7259, 0.2147, 0.1386
Android (android.graphics.Color)	4284959174 (0xFF6749C6)
YUV	96.2200, 50.1775, 5.9461
Hunter-Lab	34.2431, 34.7854, -70.7950

# Details

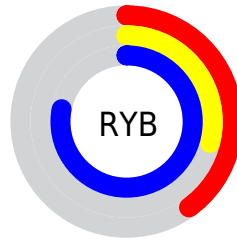
The Hex color **6749C6** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **A8C649**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A17BFF**, and **291A8F** is the 20% darker color. If you saturate the color by 10%, you get **5835C6**, and if you desaturate by 10%, it is **765DC6**.

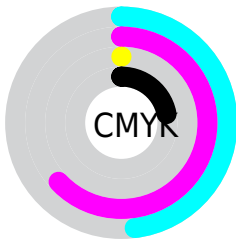
# Distribution



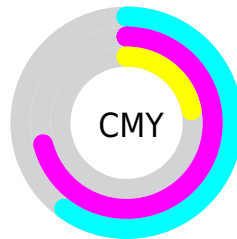
- Red (40%)
- Green (29%)
- Blue (78%)



- Red (40%)
- Yellow (29%)
- Blue (78%)



- Cyan (48%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6749C6 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 6749C6 by changing the saturation by 10% instead.



6749C6

6749C6

FFFFFF

4A31AA

A17BFF

291A8F

BE95FF

000275

DBB1FF

00005B

F9CCFF

000443

FFE9FF

00032C

000116

000000

6749C6

6749C6

■ 5835C6

■ 765DC6

■ 4921C6

■ 8571C6

■ 3A0EC6

■ 9484C6

■ 3000C6

■ A398C6

■ B2ACC6

■ C1C0C6

■ D0D4C6

■ DFE7C6

■ EEFBC6

# Harmonies

## Analogous

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



0066DD



6749C6



AF1395

# Triad

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



6749C6



9D4800



00796A

# Complementary

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



6749C6



A8C649

# 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.



007628



6749C6



6C6200

# Square

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



6749C6



BE1A1C



246F00



0079A6

# Rectangle

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



6749C6



C3006D



246F00



007854



# Sweetspot

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



6749C6



DACFFB



49A9C6



696280



000000



808080



# Same Dimension

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



6749C6



6C3DFF



A549C6



5C5A63



2700A3



090024



# Inverse Universe

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



C649A8



FF3DD0



6AC649



635A61



A3007C

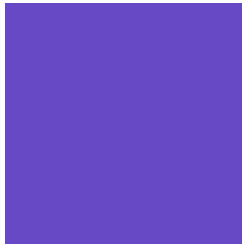


24001B



# Previews

## White Background



This preview shows how the Hex color 6749C6 looks on a white background.

## Color Contrast Check

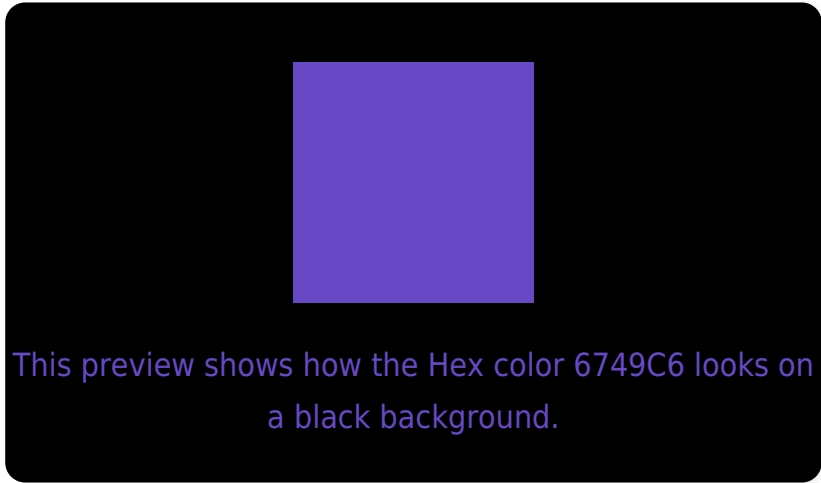
Large Text (above 18pt) WCAG AA ✓ Pass

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

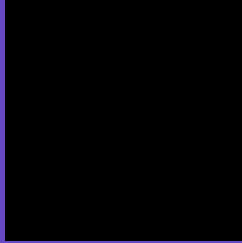
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6749C6 Background



This preview shows how black text looks on a background with the Hex color 6749C6.

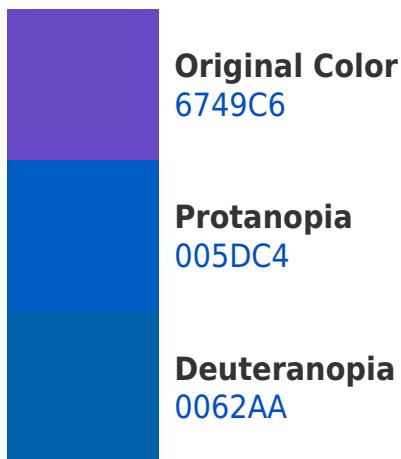



This preview shows how white text looks on a background with the Hex color 6749C6.

# 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](#).

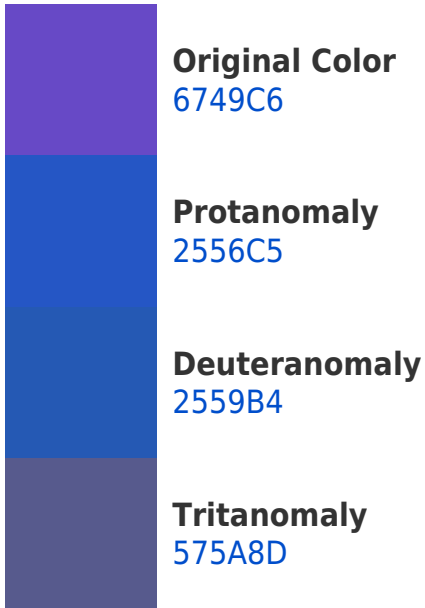
## Dichromacy





**Tritanopia**  
4E646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6749C6 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 #6749C6 looks like.

```
.text, #text, p{  
    color:#6749C6  
}
```

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 #6749C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6749C6
}
```

## Border

The CSS property to change the border of an element to Hex 6749C6 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".

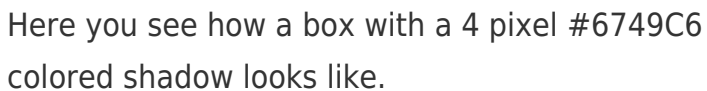
```
.border, #border, table{ border:4px solid
#6749C6 }
```

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

```
.border{ border-color:#6749C6 }
```

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

Here you see how a box with a 4 pixel #6749C6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6749C6; -webkit-box-shadow:4px 4px  
4px 4px #6749C6; box-shadow:4px 4px 4px  
4px #6749C6 }
```

# Background

The CSS property to change the background color of an element to Hex 6749C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6749C6 }
```

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

```
.background{ background-color:#6749C6 }
```

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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