

# Converting Colors

Hex(6779B9)

Have a look what the booklet for  
Hex(6779B9) contains.

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# Color

Hex(6779B9)

# Conversions

## Conversions Part 1

Format	Color
Hex	6779B9
RGB	103, 121, 185
RGB Percent	40%, 47%, 73%
CMY	0.5961, 0.5255, 0.2745
CMYK	0.44, 0.35, 0.00, 0.27
HSL	227°, 37%, 56%
HSV	227°, 44%, 73%
XYZ	21.1878, 20.0611, 48.6544
YIQ	122.9140, -31.2720, 16.0880

# Conversions

## Conversions Part 2

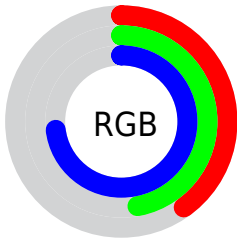
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 118, 185
Decimal	6781369
CIE <sub>Lab</sub>	51.91, 10.47, -35.82
CIE <sub>LCh</sub>	52, 37.323, 286.293
Yxy	20.0611, 0.2357, 0.2231
Android (android.graphics.Color)	4284971449 (0xFF6779B9)
YUV	122.9140, 30.6084, -17.4646
Hunter-Lab	44.7896, 6.0581, -33.0533

# Details

The Hex color **6779B9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B9A767**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9DADF1**, and **314984** is the 20% darker color. If you saturate the color by 10%, you get **556BB9**, and if you desaturate by 10%, it is **7A87B9**.

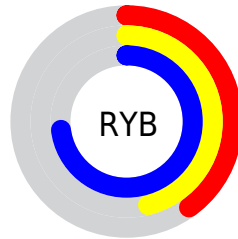
# Distribution



Red (40%)

Green (47%)

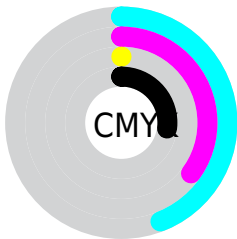
Blue (73%)



Red (40%)

Yellow (46%)

Blue (73%)

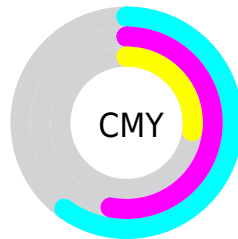


Cyan (44%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (60%)

Magenta (53%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6779B9 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 6779B9 by changing the saturation by 10% instead.



■ 6779B9

■ 6779B9

FFFFFF

■ 4C609E

■ 9DADF1

■ 314984

■ B9C8FF

■ 11336A

■ D6E4FF

■ 001E51

■ F3FFFF

■ 00043A

■ 000224

■ 00000B

■ 000000

■ 6779B9

■ 6779B9

■ 556BB9

■ 7A87B9

■ 425CB9

■ 8C96B9

■ 304EB9

■ 9FA4B9

■ 1D3FB9

■ B1B3B9

■ 0A31B9

■ C4C1B9

■ 0029B9

■ D6D0B9

■ E9DEB9

■ FBEDB9

■ FFFBB9

# Harmonies

## Analogous

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



1A83B9



6779B9



956DA8

# Triad

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



6779B9



B1694F



288B6C

# Complementary

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



6779B9



B9A767

# 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.



5A874E



6779B9



9C753D

# Square

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



6779B9



B9626B



7E7F3C



008C8D

# Rectangle

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



6779B9



A96696



7E7F3C



3C8A61



# Sweetspot

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



6779B9



D1D7F0



67B9A6



656978



F7F7F7



787878



# Same Dimension

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



6779B9



718DF0



7D67B9



53555C



00229C



00061C



# Inverse Universe

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



B96779



F0718D



A3B967



5C5355



9C0022

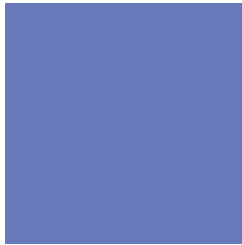


1C0006



# Previews

## White Background



This preview shows how the Hex color 6779B9 looks on a white background.

## Color Contrast Check

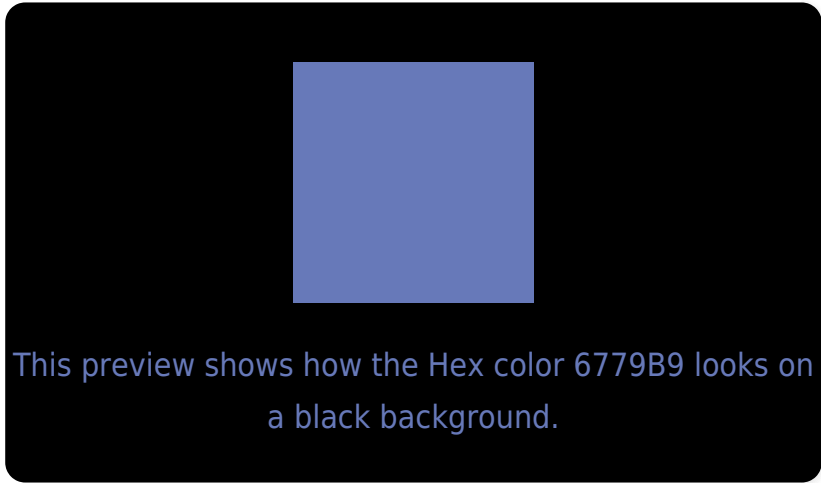
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

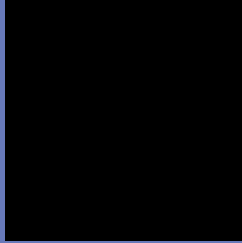
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6779B9 Background



This preview shows how black text looks on a background with the Hex color 6779B9.

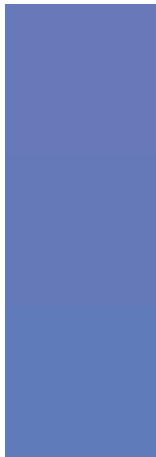


This preview shows how white text looks on a background with the Hex color 6779B9.

# 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**  
6779B9

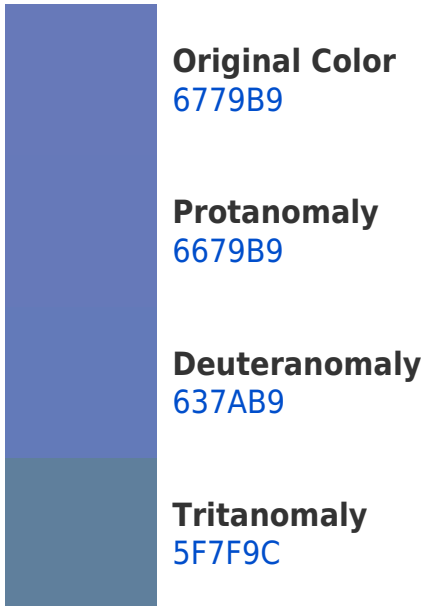
**Protanopia**  
6579B9

**Deuteranopia**  
607BB9



**Tritanopia**  
5B828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6779B9 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 #6779B9 looks like.

```
.text, #text, p{  
    color:#6779B9  
}
```

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 #6779B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6779B9
}
```

## Border

The CSS property to change the border of an element to Hex 6779B9 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
#6779B9 }
```

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

```
.border{ border-color:#6779B9 }
```

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

Here you see how a box with a 4 pixel #6779B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6779B9; -webkit-box-shadow:4px 4px  
4px 4px #6779B9; box-shadow:4px 4px 4px  
4px #6779B9 }
```

# Background

The CSS property to change the background color of an element to Hex 6779B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6779B9 }
```

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

```
.background{ background-color:#6779B9 }
```

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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