

# Converting Colors

Hex(779DB8)

Have a look what the booklet for  
Hex(779DB8) contains.

<b>Hex(779DB8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(779DB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	779DB8
RGB	119, 157, 184
RGB Percent	47%, 62%, 72%
CMY	0.5333, 0.3843, 0.2784
CMYK	0.35, 0.15, 0.00, 0.28
HSL	205°, 31%, 59%
HSV	205°, 35%, 72%
XYZ	28.3164, 31.4966, 49.9344
YIQ	148.7160, -31.3150, 0.3410

# Conversions

## Conversions Part 2

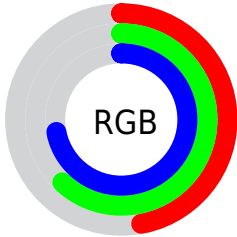
Format	Color
R <sub>Y</sub> B	119, 143, 184
Decimal	7839160
CIE Lab	62.92, -6.25, -18.16
CIE LCh	63, 19.202, 251.002
Yxy	31.4966, 0.2580, 0.2870
Android (android.graphics.Color)	4286029240 (0xFF779DB8)
YUV	148.7160, 17.3950, -26.0609
Hunter-Lab	56.1218, -8.1504, -13.4680

# Details

The Hex color **779DB8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B89277**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ADD4F0**, and **436A83** is the 20% darker color. If you saturate the color by 10%, you get **6595B8**, and if you desaturate by 10%, it is **89A5B8**.

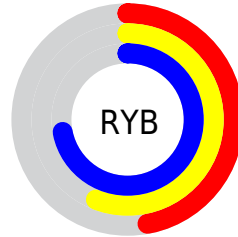
# Distribution



Red (47%)

Green (62%)

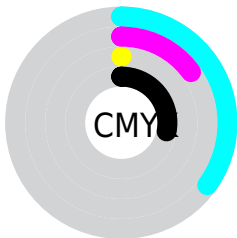
Blue (72%)



Red (47%)

Yellow (56%)

Blue (72%)

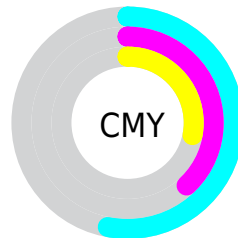


Cyan (35%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (38%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 779DB8 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 779DB8 by changing the saturation by 10% instead.



■ 779DB8

■ 779DB8

FFFFFF

■ 5D839D

■ ADD4F0

■ 436A83

■ C9F0FF

■ 2A526A

■ E6FFFF

■ 0C3B51

■ 00253A

■ 001025

■ 00010E

■ 000000

■ 779DB8

■ 779DB8

6595B8

89A5B8

528EB8

9CACB8

4086B8

AEB4B8

2D7EB8

C1BCB8

1B77B8

D3C3B8

096FB8

E5CBB8

006CB8

F8D3B8

FFDAB8

FFE2B8

# Harmonies

## Analogous

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



6AA1AE



779DB8



8D98B9

# Triad

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



779DB8



BB8C92



8B9E7E

# Complementary

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



779DB8



B89277

# 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.



9F9977



779DB8



B98F83

# Square

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



779DB8



B48DA4



AF9378



79A18D

# Rectangle

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



779DB8



9C94B5



AF9378



929D7B



# Sweetspot

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



779DB8



D5E5F0



77B891



687178



F7F7F7



787878



# Same Dimension

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



779DB8



8BC6F0



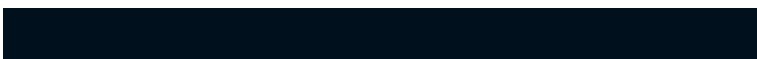
777DB8



53585C



005B9C



00101C



# Inverse Universe

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



B8779D



F08BC6



B8B277



5C5358



9C005B

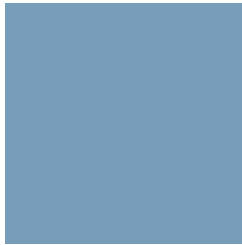


1C0010



# Previews

## White Background



This preview shows how the Hex color 779DB8 looks on a white background.

## Color Contrast Check

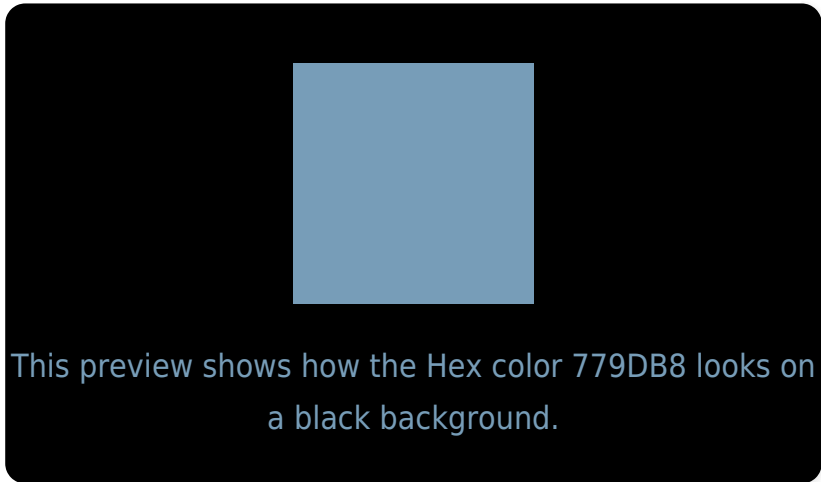
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

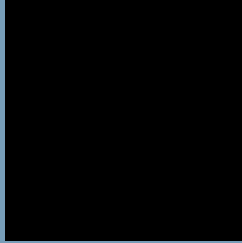
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

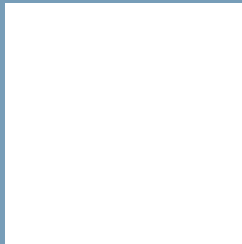
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 779DB8 Background



This preview shows how black text looks on a background with the Hex color 779DB8.



This preview shows how white text looks on a background with the Hex color 779DB8.

# Color Blindness Simulation

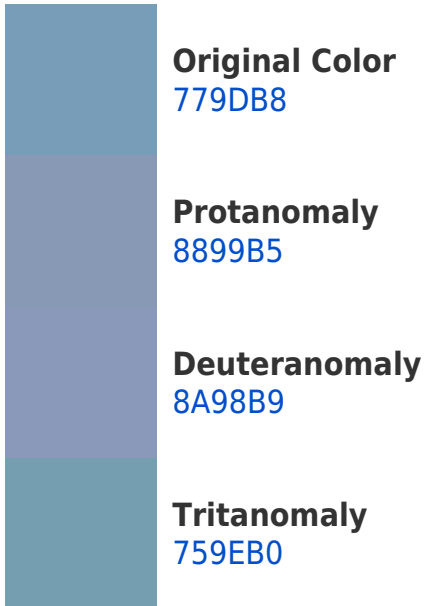
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 779DB8 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 #779DB8 looks like.

```
.text, #text, p{  
    color:#779DB8  
}
```

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 #779DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #779DB8
}
```

## Border

The CSS property to change the border of an element to Hex 779DB8 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
#779DB8 }
```

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

```
.border{ border-color:#779DB8 }
```

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

Here you see how a box with a 4 pixel #779DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #779DB8; -webkit-box-shadow:4px 4px  
4px 4px #779DB8; box-shadow:4px 4px 4px  
4px #779DB8 }
```

# Background

The CSS property to change the background color of an element to Hex 779DB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#779DB8 }
```

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

```
.background{ background-color:#779DB8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor