

# Converting Colors

Hex(679DB2)

Have a look what the booklet for  
Hex(679DB2) contains.

<b>Hex(679DB2)</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(679DB2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	679DB2
RGB	103, 157, 178
RGB Percent	40%, 62%, 70%
CMY	0.5961, 0.3843, 0.3020
CMYK	0.42, 0.12, 0.00, 0.30
HSL	197°, 33%, 55%
HSV	197°, 42%, 70%
XYZ	25.6864, 30.2119, 46.5971
YIQ	143.2480, -38.9250, -4.9170

# Conversions

## Conversions Part 2

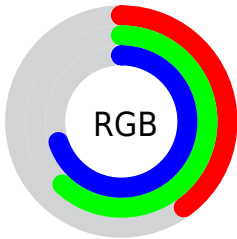
Format	Color
<a href="#">RYB</a>	<a href="#">103, 134, 178</a>
Decimal	<a href="#">6790578</a>
CIELab	<a href="#">61.84, -12.24, -16.52</a>
CIElCh	<a href="#">62, 20.556, 233.463</a>
Yxy	<a href="#">30.2119, 0.2506, 0.2948</a>
Android (android.graphics.Color)	<a href="#">4284980658 (0xFF679DB2)</a>
YUV	<a href="#">143.2480, 17.1327, -35.2975</a>
Hunter-Lab	<a href="#">54.9653, -12.7727, -11.7877</a>

# Details

The Hex color **679DB2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B27C67**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9DD4EA**, and **316A7D** is the 20% darker color. If you saturate the color by 10%, you get **5598B2**, and if you desaturate by 10%, it is **79A2B2**.

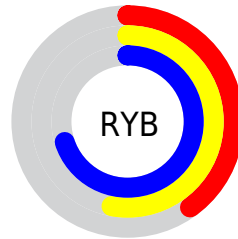
# Distribution



Red (40%)

Green (62%)

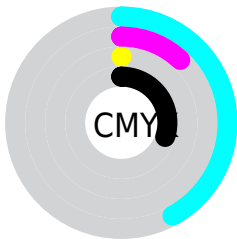
Blue (70%)



Red (40%)

Yellow (53%)

Blue (70%)

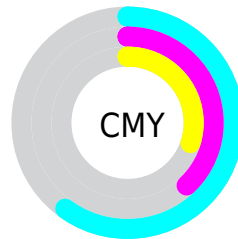


Cyan (42%)

Magenta (12%)

Yellow (0%)

Black (30%)



Cyan (60%)

Magenta (38%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 679DB2 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 679DB2 by changing the saturation by 10% instead.



679DB2

679DB2

FFFFFF

4C8397

9DD4EA

316A7D

B9F0FF

125164

D6FFFF

003A4C

F3FFFF

002536

000E20

000006

000000

679DB2

679DB2

■ 5598B2

■ 79A2B2

■ 4393B2

■ 8BA7B2

■ 328EB2

■ 9CACB2

■ 2089B2

■ AEB1B2

■ 0E84B2

■ C0B6B2

■ 0080B2

■ D2BBB2

■ E4C0B2

■ F5C5B2

■ FFCAB2

# Harmonies

## Analogous

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



62A0A3



679DB2



7A98B9

# Triad

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



679DB2



B7899A



949974

# Complementary

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



679DB2



B27C67

# 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.



A79371



679DB2



BB8988

# Square

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



679DB2



A98CAB



B58D79



7F9D7F

# Rectangle

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



679DB2



8B94B9



B58D79



9B9772



# Sweetspot

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



679DB2



CAE0E8



67B27B



637075



F5F5F5



757575



# Same Dimension

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



679DB2



72C7E8



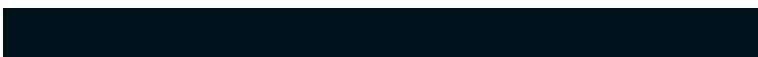
6779B2



505759



006E99



00121A



# Inverse Universe

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



B2679D



E872C7



B2A167



595057



99006E



1A0012



# Previews

## White Background



This preview shows how the Hex color 679DB2 looks on a white background.

## Color Contrast Check

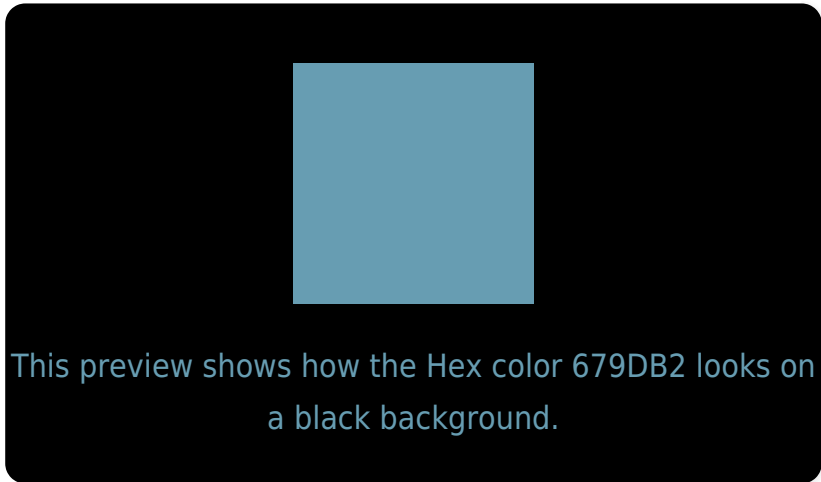
Large Text (above 18pt) WCAG AA × Fail

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

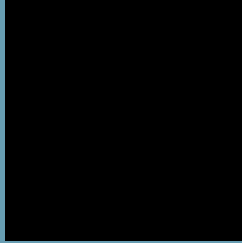
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 679DB2 Background



This preview shows how black text looks on a background with the Hex color 679DB2.

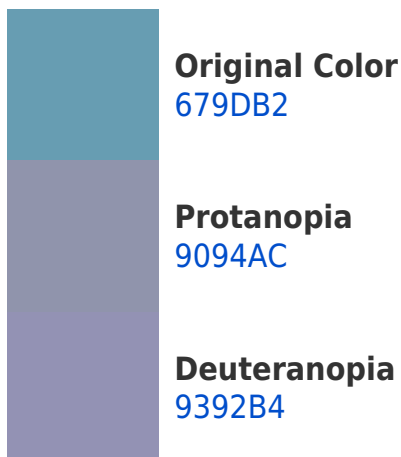


This preview shows how white text looks on a background with the Hex color 679DB2.

# 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**  
659EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 679DB2 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 #679DB2 looks like.

```
.text, #text, p{  
    color:#679DB2  
}
```

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 #679DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679DB2
}
```

## Border

The CSS property to change the border of an element to Hex 679DB2 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
#679DB2 }
```

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

```
.border{ border-color:#679DB2 }
```

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

Here you see how a box with a 4 pixel #679DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679DB2; -webkit-box-shadow:4px 4px  
4px 4px #679DB2; box-shadow:4px 4px 4px  
4px #679DB2 }
```

# Background

The CSS property to change the background color of an element to Hex 679DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679DB2 }
```

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

```
.background{ background-color:#679DB2 }
```

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