

# Converting Colors

Hex(679DCB)

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

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# **Color**

**Hex(679DCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	679DCB
RGB	103, 157, 203
RGB Percent	40%, 62%, 80%
CMY	0.5961, 0.3843, 0.2039
CMYK	0.49, 0.23, 0.00, 0.20
HSL	208°, 49%, 60%
HSV	208°, 49%, 80%
XYZ	28.4300, 31.3093, 61.0448
YIQ	146.0980, -46.9500, 2.8580

# Conversions

## Conversions Part 2

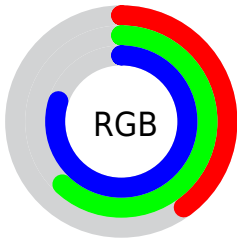
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 138, 203</a>
Decimal	<a href="#">6790603</a>
CIELab	<a href="#">62.77, -5.13, -29.11</a>
CIELCh	<a href="#">63, 29.557, 260.005</a>
Yxy	<a href="#">31.3093, 0.2354, 0.2592</a>
Android (android.graphics.Color)	<a href="#">4284980683 (0xFF679DCB)</a>
YUV	<a href="#">146.0980, 28.0527, -37.7969</a>
Hunter-Lab	<a href="#">55.9547, -7.2268, -25.5152</a>

# Details

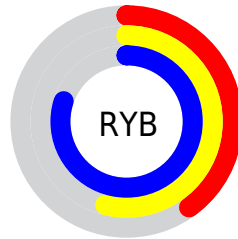
The Hex color **679DCB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CB9567**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9FD3FF**, and **2D6A95** is the 20% darker color. If you saturate the color by 10%, you get **5394CB**, and if you desaturate by 10%, it is **7BA6CB**.

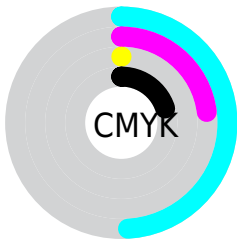
# Distribution



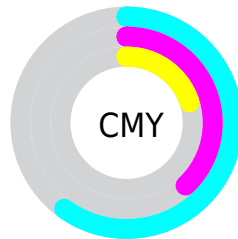
- Red (40%)
- Green (62%)
- Blue (80%)



- Red (40%)
- Yellow (54%)
- Blue (80%)



- Cyan (49%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (38%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



■ 679DCB

■ 679DCB

FFFFFF

■ 4B83AF

■ 9FD3FF

■ 2D6A95

■ BBF0FF

■ 00527B

■ D8FFFF

■ 003B62

■ F6FFFF

■ 00264A

■ 001133

■ 00021D

■ 000000

■ 679DCB

■ 679DCB

■ 5394CB

■ 7BA6CB

■ 3E8ACB

■ 90B0CB

■ 2A81CB

■ A4B9CB

■ 1678CB

■ B8C2CB

■ 026ECB

■ CDCCCB

■ 006ECB

■ E1D5CB

■ F5DECB

■ FFE8CB

■ FFF1CB

# Harmonies

## Analogous

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



45A3BF



679DCB



8F94C9

# Triad

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



679DCB



CC8587



7AA275

# Complementary

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



679DCB



CB9567

# 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.



989C66



679DCB



C58A71

# Square

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



679DCB



C685A2



B29364



5BA68E

# Rectangle

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



679DCB



A78EC0



B29364



84A06F

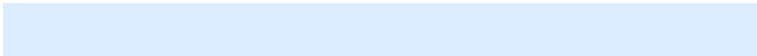


# Sweetspot

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



679DCB



D9EDFF



67CB94



697580



000000



808080

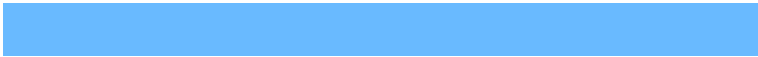


# Same Dimension

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



679DCB



69BAFF



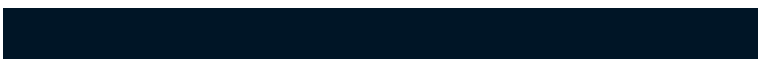
676CCB



5C6166



005AA6



001526



# Inverse Universe

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



CB679D



FF69BA



CBC667



665C61



A6005A



260015



# Previews

## White Background



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

## Color Contrast Check

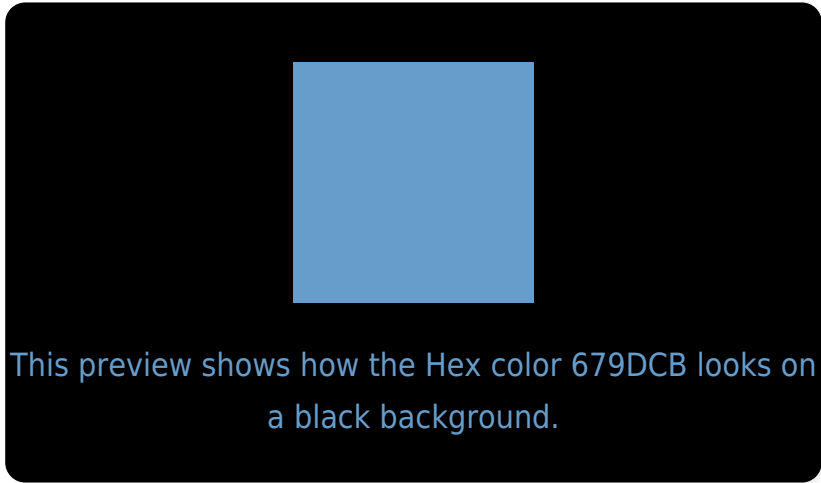
Large Text (above 18pt) WCAG AA × Fail

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

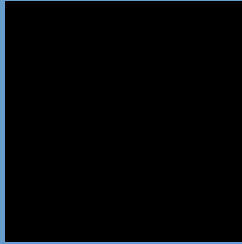
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 679DCB Background



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

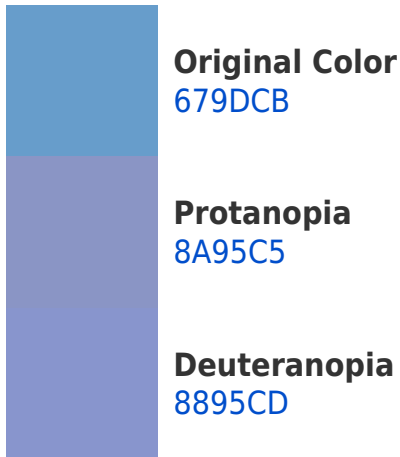


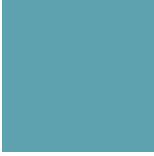
This preview shows how white text looks on a background with the Hex color 679DCB.

# 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](#).

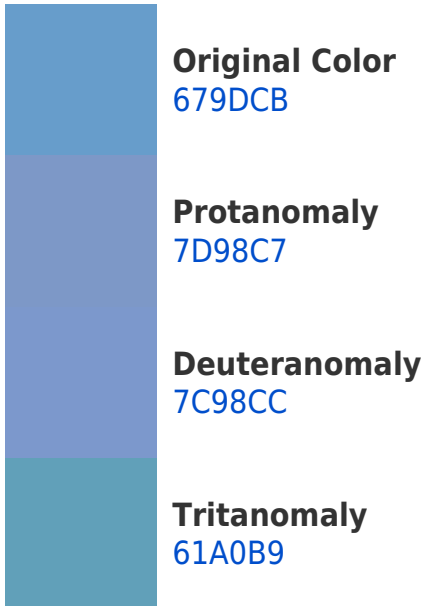
## Dichromacy



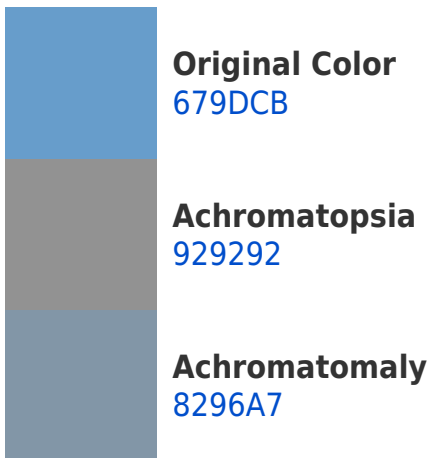


**Tritanopia**  
5EA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #679DCB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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