

Converting Colors

Hex(679DB5)

Have a look what the booklet for
Hex(679DB5) contains.

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Color

Hex(679DB5)

Conversions

Conversions Part 1

Format	Color
Hex	679DB5
RGB	103, 157, 181
RGB Percent	40%, 62%, 71%
CMY	0.5961, 0.3843, 0.2902
CMYK	0.43, 0.13, 0.00, 0.29
HSL	198°, 35%, 56%
HSV	198°, 43%, 71%
XYZ	25.9910, 30.3337, 48.2012
YIQ	143.5900, -39.8880, -3.9840

Conversions

Conversions Part 2

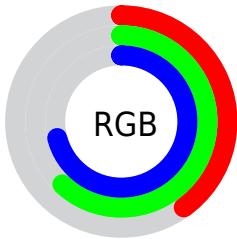
Format	Color
RYB	103, 135, 181
Decimal	6790581
CIELab	61.94, -11.42, -18.05
CIElCh	62, 21.354, 237.683
Yxy	30.3337, 0.2487, 0.2902
Android (android.graphics.Color)	4284980661 (0xFF679DB5)
YUV	143.5900, 18.4431, -35.5974
Hunter-Lab	55.0760, -12.1470, -13.3359

Details

The Hex color **679DB5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B57F67**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9DD4ED**, and **316A80** is the 20% darker color. If you saturate the color by 10%, you get **5597B5**, and if you desaturate by 10%, it is **79A3B5**.

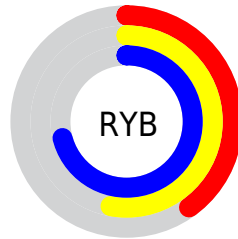
Distribution



Red (40%)

Green (62%)

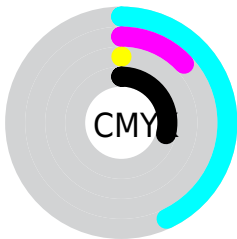
Blue (71%)



Red (40%)

Yellow (53%)

Blue (71%)

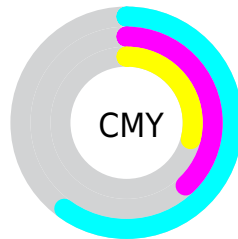


Cyan (43%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 679DB5 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 679DB5 by changing the saturation by 10% instead.

 679DB5

 679DB5


FFFFFF

 4C839A

 9DD4ED

 316A80

 B9F0FF

 115267

 D6FFFF

 003A4F

 F3FFFF

 002538

 000F23

 00000A

 000000

 679DB5

 679DB5

■ 5597B5

■ 79A3B5

■ 4392B5

■ 8BA8B5

■ 318CB5

■ 9DAEB5

■ 1F87B5

■ AFB3B5

■ 0D81B5

■ C2B9B5

■ 007DB5

■ D4BEB5

■ E6C4B5

■ F8CAB5

■ FFCFB5

Harmonies

Analogous

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



5FA0A7



679DB5



7D98BB

Triad

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



679DB5



BA8898



919A74

Complementary

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



679DB5



B57F67

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.



A59470



679DB5



BC8985

Square

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



679DB5



AD8BAA



B58E76



7B9E81

Rectangle

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



679DB5



8E94B9



B58E76



989871

Sweetspot

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



679DB5



CCE1EB



67B57E



637075



F5F5F5



757575

Same Dimension

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



679DB5



71C5EB



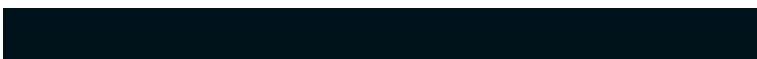
6777B5



505759



006A99



00121A

Inverse Universe

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



B5679D



EB71C5



B5A567



595057



99006A



1A0012

Previews

White Background



This preview shows how the Hex color 679DB5 looks on a white background.

Color Contrast Check

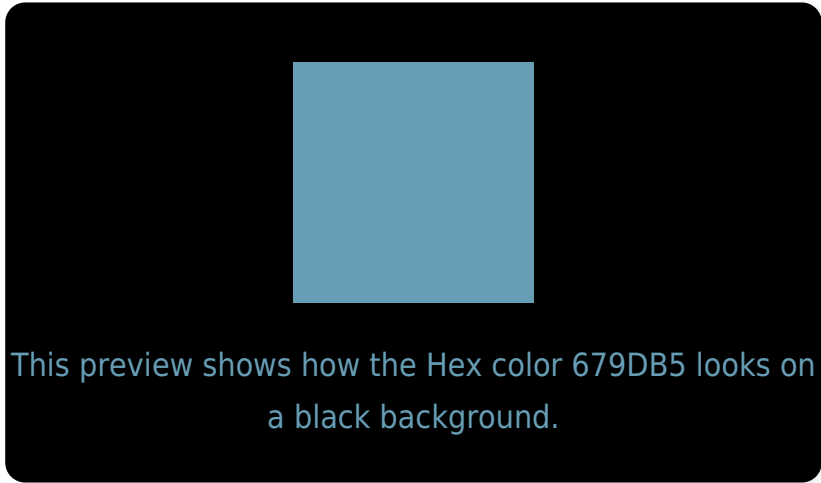
Large Text (above 18pt) WCAG AA × Fail

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 679DB5 Background



This preview shows how black text looks on a background with the Hex color 679DB5.

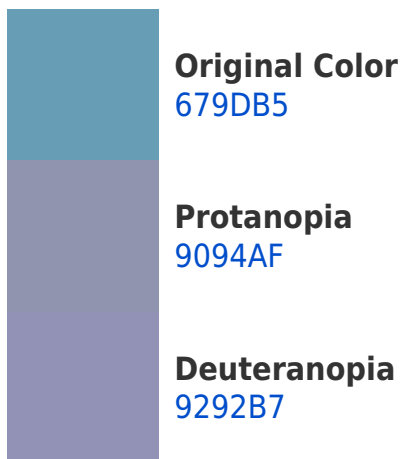


This preview shows how white text looks on a background with the Hex color 679DB5.

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](#).

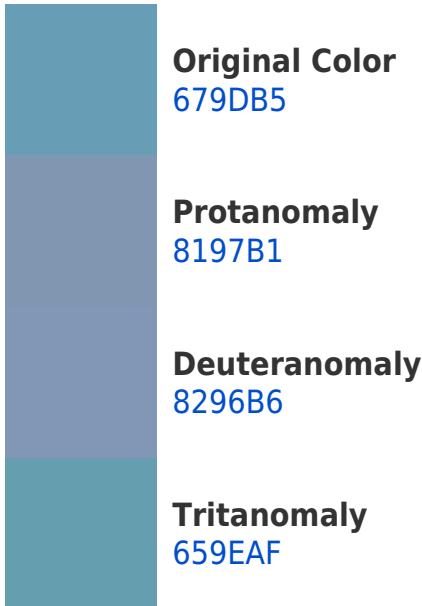
Dichromacy



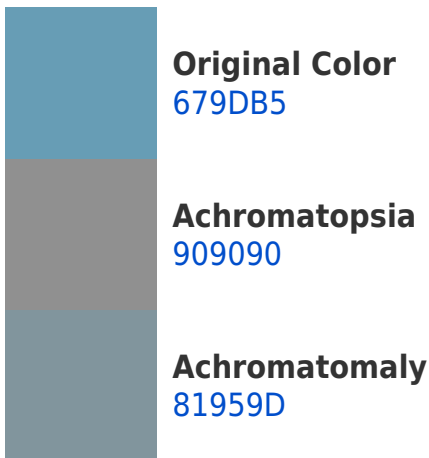


Tritanopia
649FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 679DB5 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 #679DB5 looks like.

```
.text, #text, p{  
    color:#679DB5  
}
```

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 #679DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679DB5
}
```

Border

The CSS property to change the border of an element to Hex 679DB5 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
#679DB5 }
```

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

```
.border{ border-color:#679DB5 }
```

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

Here you see how a box with a 4 pixel #679DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679DB5; -webkit-box-shadow:4px 4px  
4px 4px #679DB5; box-shadow:4px 4px 4px  
4px #679DB5 }
```

Background

The CSS property to change the background color of an element to Hex 679DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679DB5 }
```

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

```
.background{ background-color:#679DB5 }
```

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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