

# Converting Colors

Hex(1679C6)

Have a look what the booklet for  
Hex(1679C6) contains.

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# Color

Hex(1679C6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1679C6
RGB	22, 121, 198
RGB Percent	9%, 47%, 78%
CMY	0.9137, 0.5255, 0.2235
CMYK	0.89, 0.39, 0.00, 0.22
HSL	206°, 80%, 43%
HSV	206°, 89%, 78%
XYZ	17.3613, 17.9225, 55.9704
YIQ	100.1770, -83.7210, 2.9590

# Conversions

## Conversions Part 2

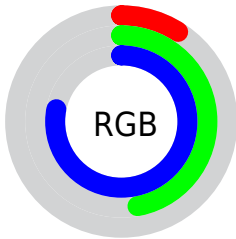
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 85, 198
Decimal	1472966
CIE <sub>Lab</sub>	49.40, 1.79, -47.45
CIE <sub>LCh</sub>	49, 47.484, 272.160
Yxy	17.9225, 0.1903, 0.1964
Android (android.graphics.Color)	4279663046 (0xFF1679C6)
YUV	100.1770, 48.2267, -68.5612
Hunter-Lab	42.3350, -0.8847, -48.7518

# Details

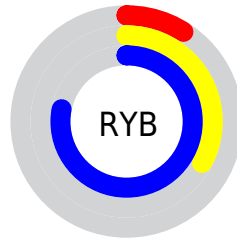
The Hex color **1679C6** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **C66316**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **66ADFF**, and **004990** is the 20% darker color. If you saturate the color by 10%, you get **0270C6**, and if you desaturate by 10%, it is **2A82C6**.

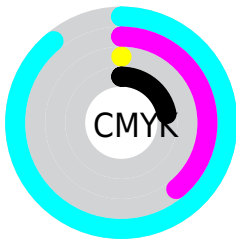
# Distribution



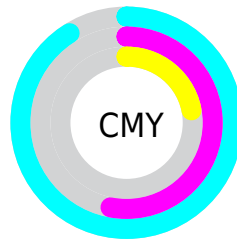
- Red (9%)
- Green (47%)
- Blue (78%)



- Red (9%)
- Yellow (33%)
- Blue (78%)



- Cyan (89%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (53%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1679C6 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 1679C6 by changing the saturation by 10% instead.



 1679C6

 1679C6

FFFFFF

 0061AA

 66ADFF

 004990

 85C8FF

 003375

 A3E4FF

 001F5C

 C2FFFF

 000844


 E0FFFF

 00032D

FEFFFF

 000117

 000000

 1679C6

 1679C6

■ 0270C6

■ 2A82C6

■ 006FC6

■ 3E8AC6

■ 5193C6

■ 659CC6

■ 79A4C6

■ 8DADC6

■ A1B6C6

■ B4BEC6

■ C8C7C6

# Harmonies

## Analogous

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



0083BC



1679C6



7A6ABA

# Triad

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



1679C6



BC564D



20864E

# Complementary

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



1679C6



C66316

# 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.



5F7F2C



1679C6



A8652D

# Square

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



1679C6



BE5074



88741E



008977

# Rectangle

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



1679C6



9C5EA7



88741E



3C8442

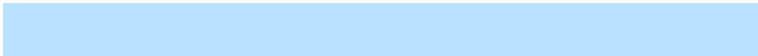


# Sweetspot

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



1679C6



BAE1FF



16C662



576E80



000000



808080



# Same Dimension

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



1679C6



008FFF



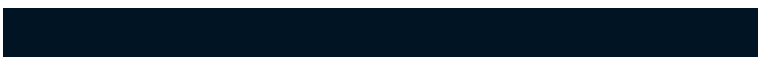
1622C6



5A5F63



005CA3



001424



# Inverse Universe

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



C61679



FF008F



C6BA16



635A5F



A3005C



240014



# Previews

## White Background



This preview shows how the Hex color 1679C6 looks on a white background.

## Color Contrast Check

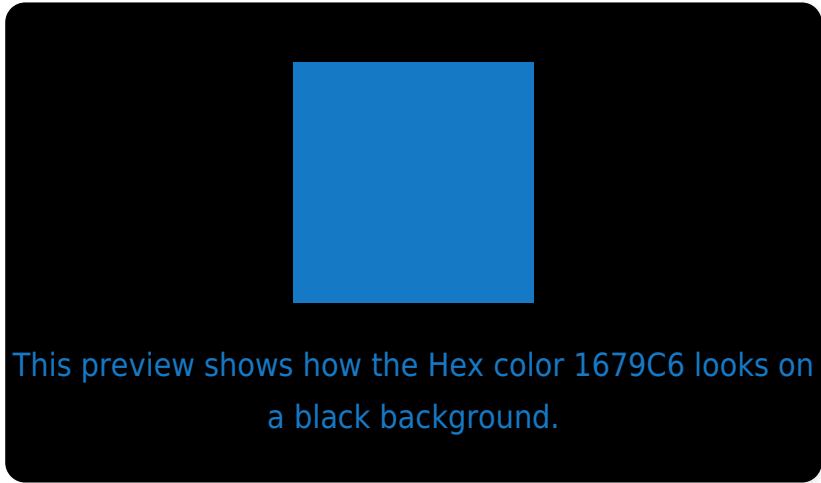
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

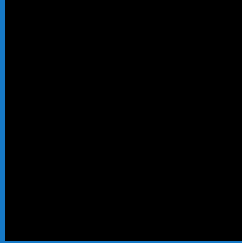
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1679C6 Background



This preview shows how black text looks on a background with the Hex color 1679C6.

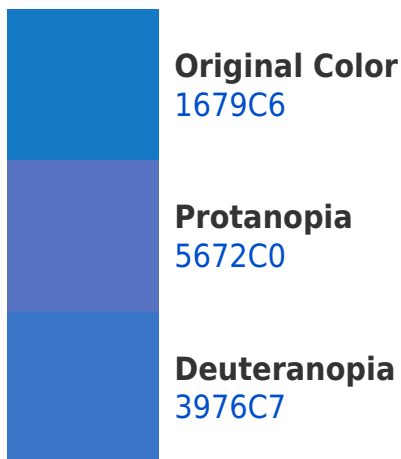


This preview shows how white text looks on a background with the Hex color 1679C6.

# 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](#).

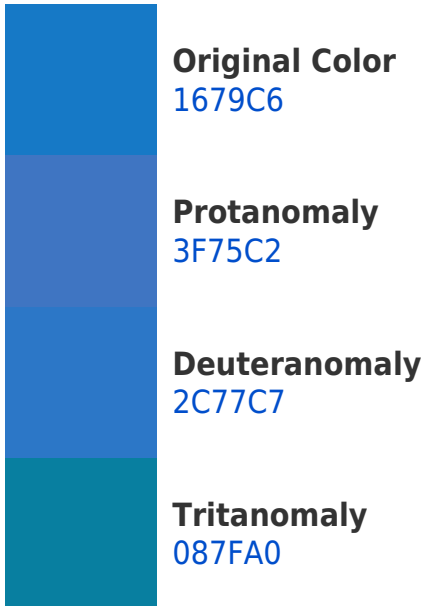
## Dichromacy



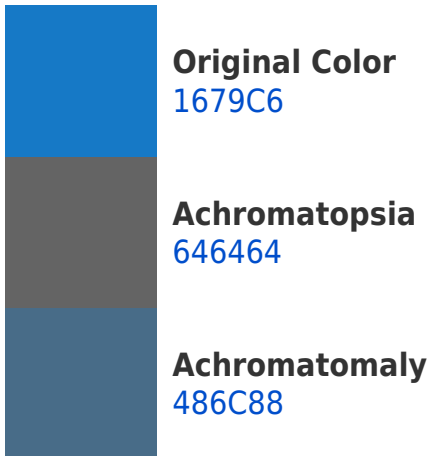


**Tritanopia**  
00828B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1679C6 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 #1679C6 looks like.

```
.text, #text, p{  
    color:#1679C6  
}
```

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 #1679C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1679C6
}
```

## Border

The CSS property to change the border of an element to Hex 1679C6 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
#1679C6 }
```

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

```
.border{ border-color:#1679C6 }
```

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

Here you see how a box with a 4 pixel #1679C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1679C6; -webkit-box-shadow:4px 4px  
4px 4px #1679C6; box-shadow:4px 4px 4px  
4px #1679C6 }
```

# Background

The CSS property to change the background color of an element to Hex 1679C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1679C6 }
```

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

```
.background{ background-color:#1679C6 }
```

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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