

# Converting Colors

Hex(669CC5)

Have a look what the booklet for  
Hex(669CC5) contains.

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# **Color**

**Hex(669CC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	669CC5
RGB	102, 156, 197
RGB Percent	40%, 61%, 77%
CMY	0.6000, 0.3882, 0.2275
CMYK	0.48, 0.21, 0.00, 0.23
HSL	206°, 45%, 59%
HSV	206°, 48%, 77%
XYZ	27.4460, 30.6329, 57.2895
YIQ	144.5280, -45.3450, 1.3030

# Conversions

## Conversions Part 2

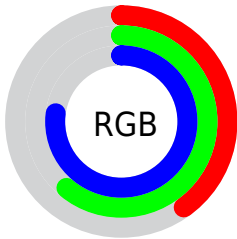
Format	Color
<a href="#">RYB</a>	<a href="#">102, 136, 197</a>
Decimal	<a href="#">6724805</a>
CIELab	<a href="#">62.20, -6.57, -26.64</a>
CIELCh	<a href="#">62, 27.438, 256.146</a>
Yxy	<a href="#">30.6329, 0.2379, 0.2655</a>
Android (android.graphics.Color)	<a href="#">4284914885 (0xFF669CC5)</a>
YUV	<a href="#">144.5280, 25.8687, -37.2971</a>
Hunter-Lab	<a href="#">55.3470, -8.3410, -22.6280</a>

# Details

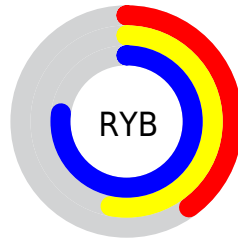
The Hex color **669CC5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C58F66**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9ED2FE**, and **2D698F** is the 20% darker color. If you saturate the color by 10%, you get **5293C5**, and if you desaturate by 10%, it is **7AA5C5**.

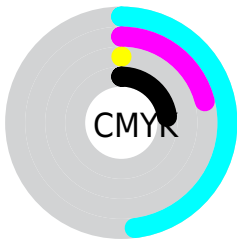
# Distribution



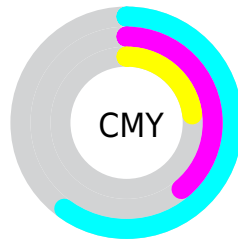
- Red (40%)
- Green (61%)
- Blue (77%)



- Red (40%)
- Yellow (53%)
- Blue (77%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (39%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 669CC5 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 669CC5 by changing the saturation by 10% instead.



■ 669CC5

■ 669CC5

FFFFFF

■ 4A82AA

■ 9ED2FE

■ 2D698F

■ BAEFFF

■ 025175

■ D7FFFF

■ 003A5C

■ F4FFFF

■ 002545

■ 00102E

■ 000119

■ 000000

■ 669CC5

■ 669CC5

■ 5293C5

■ 7AA5C5

■ 3F8BC5

■ 8DADC5

■ 2B82C5

■ A1B6C5

■ 177AC5

■ B5BEC5

■ 0471C5

■ C9C7C5

■ 0070C5

■ DCCFC5

■ F0D8C5

■ FFE0C5

■ FFE9C5

# Harmonies

## Analogous

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



4BA1B9



669CC5



8A94C5

# Triad

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



669CC5



C7858A



7F9F74

# Complementary

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



669CC5



C58F66

# 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.



9A9967



669CC5



C28974

# Square

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



669CC5



BF85A3



B29167



62A38A

# Rectangle

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



669CC5



A08EBE



B29167



889D6E

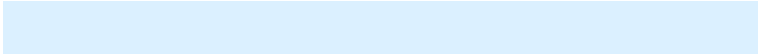


# Sweetspot

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



669CC5



DBF0FF



66C58E



6A7680



000000



808080

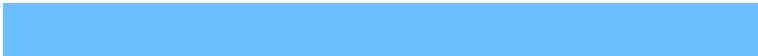


# Same Dimension

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



669CC5



6BBFFF



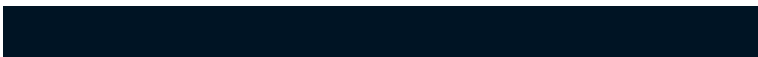
666EC5



5A5F63



005DA3



001424



# Inverse Universe

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



C5669C



FF6BBF



C5BD66



635A5F



A3005D



240014



# Previews

## White Background



This preview shows how the Hex color 669CC5 looks on a white background.

## Color Contrast Check

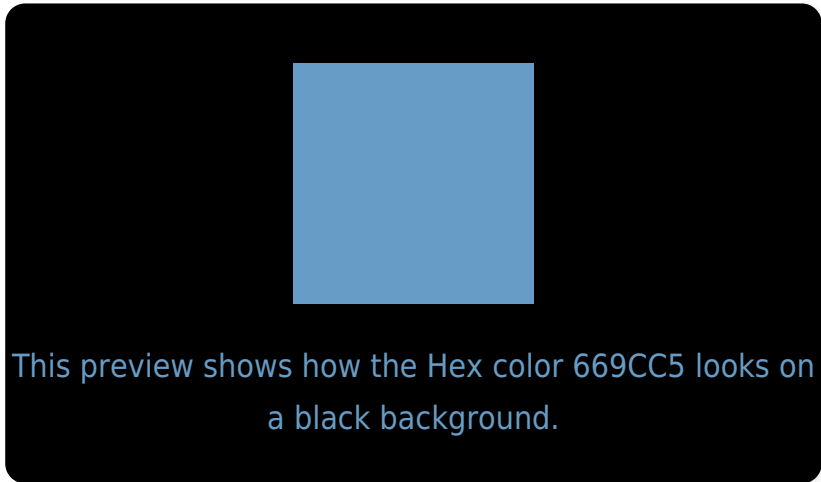
Large Text (above 18pt) WCAG AA × Fail

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

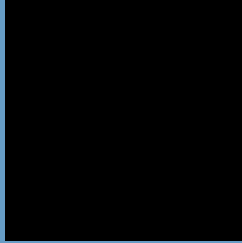
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 669CC5 Background



This preview shows how black text looks on a background with the Hex color 669CC5.

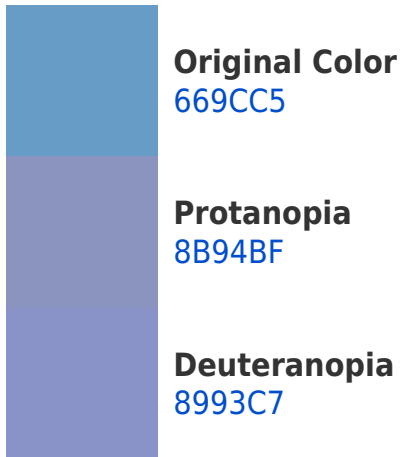


This preview shows how white text looks on a background with the Hex color 669CC5.

# 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](#).

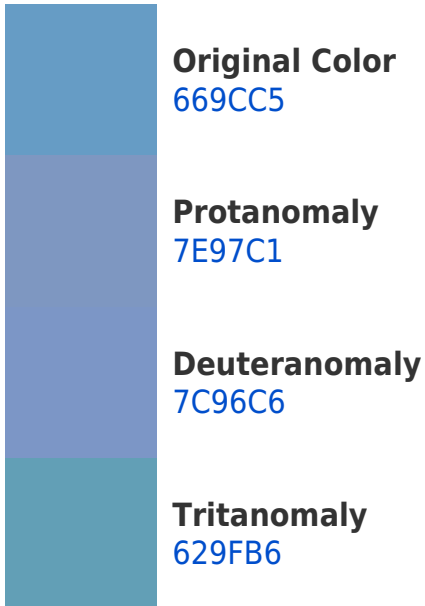
## Dichromacy



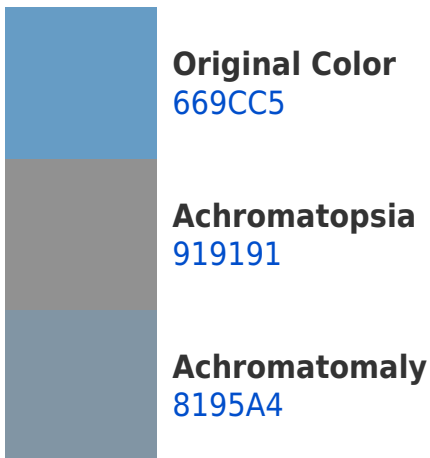


**Tritanopia**  
5FA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 669CC5 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 #669CC5 looks like.

```
.text, #text, p{  
    color:#669CC5  
}
```

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 #669CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669CC5
}
```

## Border

The CSS property to change the border of an element to Hex 669CC5 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
#669CC5 }
```

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

```
.border{ border-color:#669CC5 }
```

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

Here you see how a box with a 4 pixel #669CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669CC5; -webkit-box-shadow:4px 4px  
4px 4px #669CC5; box-shadow:4px 4px 4px  
4px #669CC5 }
```

# Background

The CSS property to change the background color of an element to Hex 669CC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669CC5 }
```

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

```
.background{ background-color:#669CC5 }
```

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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