

Converting Colors

Hex(669AD4)

Have a look what the booklet for
Hex(669AD4) contains.

Hex(669AD4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(669AD4)

Conversions

Conversions Part 1

Format	Color
Hex	669AD4
RGB	102, 154, 212
RGB Percent	40%, 60%, 83%
CMY	0.6000, 0.3961, 0.1686
CMYK	0.52, 0.27, 0.00, 0.17
HSL	212°, 56%, 62%
HSV	212°, 52%, 83%
XYZ	28.9188, 30.6894, 66.6868
YIQ	145.0640, -49.6100, 7.0140

Conversions

Conversions Part 2

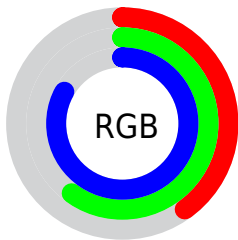
Format	Color
RYB	102, 137, 212
Decimal	6724308
CIELab	62.24, -0.97, -34.94
CIElCh	62, 34.955, 268.412
Yxy	30.6894, 0.2290, 0.2430
Android (android.graphics.Color)	4284914388 (0xFF669AD4)
YUV	145.0640, 32.9994, -37.7671
Hunter-Lab	55.3981, -3.7665, -32.5932

Details

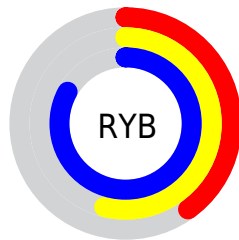
The Hex color **669AD4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4A066**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9FD0FF**, and **29679D** is the 20% darker color. If you saturate the color by 10%, you get **518FD4**, and if you desaturate by 10%, it is **7BA5D4**.

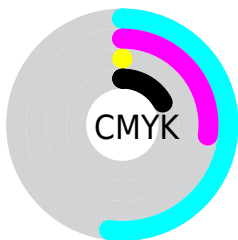
Distribution



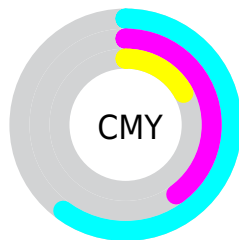
- Red (40%)
- Green (60%)
- Blue (83%)



- Red (40%)
- Yellow (54%)
- Blue (83%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 669AD4 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 669AD4 by changing the saturation by 10% instead.

■ 669AD4

■ 669AD4

FFFFFF

■ 4980B8

■ 9FD0FF

■ 29679D

■ BCECFF

■ 004F83

■ D9FFFF

■ 003969

■ F6FFFF

■ 002451

■ 000E3A

■ 000223

■ 00000B

■ 000000

■ 669AD4

■ 669AD4

■ 518FD4

■ 7BA5D4

■ 3C84D4

■ 90B0D4

■ 2678D4

■ A6BCD4

■ 116DD4

■ BBC7D4

■ 0064D4

■ D0D2D4

■ E5DDD4

■ FAE8D4

■ FFF3D4

■ FFFFD4

Harmonies

Analogous

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



2CA2CA



669AD4



988FCD

Triad

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



669AD4



D2817B



68A475

Complementary

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



669AD4



D4A066

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.



8C9D5F



669AD4



C58963

Square

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



669AD4



D07E99



AC9458



3DA794

Rectangle

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



669AD4



B288C0



AC9458



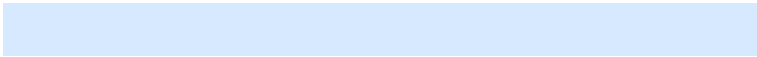
74A26C

Sweetspot

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



669AD4



D6E9FF



66D49F



677380



000000



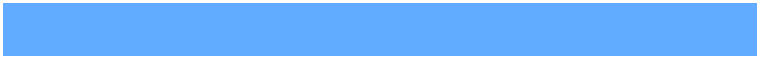
808080

Same Dimension

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



669AD4



61ACFF



6866D4



60656B



0051AB



00142B

Inverse Universe

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



D4669A



FF61AC



D2D466



6B6065



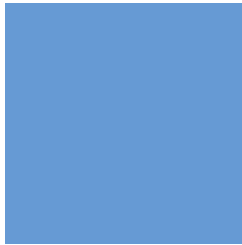
AB0051



2B0014

Previews

White Background



This preview shows how the Hex color 669AD4 looks on a white background.

Color Contrast Check

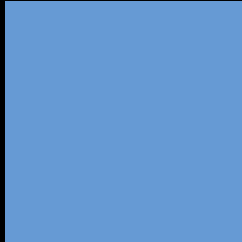
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 669AD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

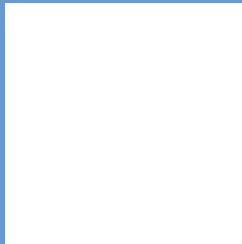
Any Text WCAG AAA ✓ Pass

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

Hex 669AD4 Background



This preview shows how black text looks on a background with the Hex color 669AD4.

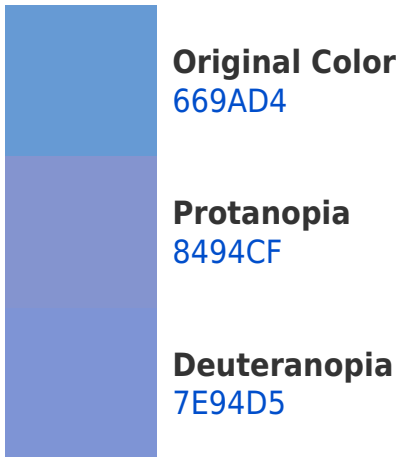


This preview shows how white text looks on a background with the Hex color 669AD4.

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](#).

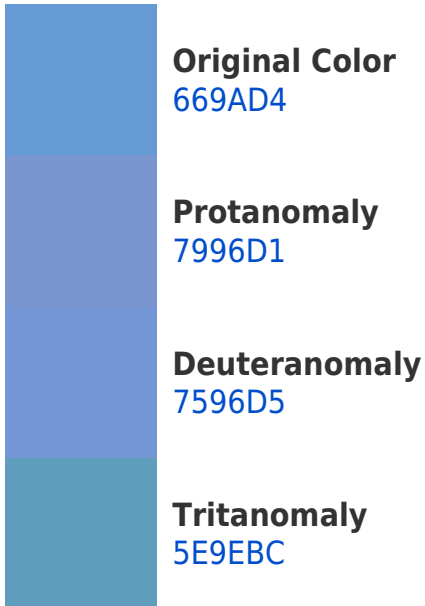
Dichromacy



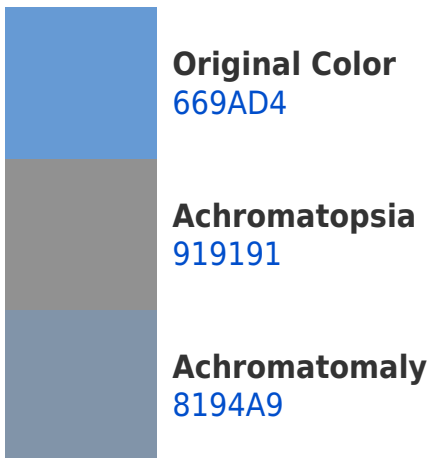


Tritanopia
59A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 669AD4 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 #669AD4 looks like.

```
.text, #text, p{  
    color:#669AD4  
}
```

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 #669AD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669AD4
}
```

Border

The CSS property to change the border of an element to Hex 669AD4 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
#669AD4 }
```

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

```
.border{ border-color:#669AD4 }
```

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

Here you see how a box with a 4 pixel #669AD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669AD4; -webkit-box-shadow:4px 4px  
4px 4px #669AD4; box-shadow:4px 4px 4px  
4px #669AD4 }
```

Background

The CSS property to change the background color of an element to Hex 669AD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669AD4 }
```

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

```
.background{ background-color:#669AD4 }
```

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