

# Converting Colors

Hex(697ED8)

Have a look what the booklet for  
Hex(697ED8) contains.

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# Color

**Hex(697ED8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	697ED8
RGB	105, 126, 216
RGB Percent	41%, 49%, 85%
CMY	0.5882, 0.5059, 0.1529
CMYK	0.51, 0.42, 0.00, 0.15
HSL	229°, 59%, 63%
HSV	229°, 51%, 85%
XYZ	25.6812, 22.8828, 68.0290
YIQ	129.9810, -41.4060, 23.5380

# Conversions

## Conversions Part 2

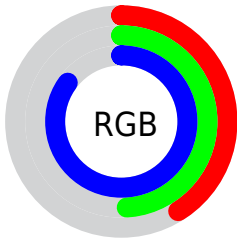
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 123, 216
Decimal	6913752
CIE Lab	54.95, 17.42, -48.65
CIE LCh	55, 51.672, 289.699
Yxy	22.8828, 0.2203, 0.1963
Android (android.graphics.Color)	4285103832 (0xFF697ED8)
YUV	129.9810, 42.4074, -21.9083
Hunter-Lab	47.8360, 12.1164, -50.8329

# Details

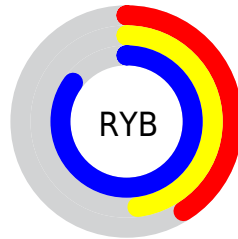
The Hex color **697ED8** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **D8C369**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A2B2FF**, and **2C4EA1** is the 20% darker color. If you saturate the color by 10%, you get **536CD8**, and if you desaturate by 10%, it is **7F90D8**.

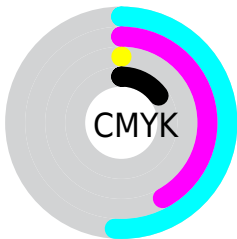
# Distribution



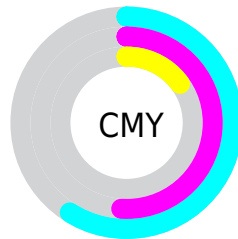
- Red (41%)
- Green (49%)
- Blue (85%)



- Red (41%)
- Yellow (48%)
- Blue (85%)



- Cyan (51%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (51%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 697ED8 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 697ED8 by changing the saturation by 10% instead.



■ 697ED8

■ 697ED8

FFFFFF

■ 4C65BC

■ A2B2FF

■ 2C4EA1

■ BFCEFF

■ 003786

■ DCEAFF

■ 00226C

■ FAFFFF

■ 000E53

■ 00063B

■ 000225

■ 00010D

■ 000000

■ 697ED8

■ 697ED8

■ 536CD8

■ 7F90D8

■ 3E5BD8

■ 94A1D8

■ 2849D8

■ AAB3D8

■ 1338D8

■ BFC4D8

■ 0029D8

■ D5D6D8

■ EBE7D8

■ FFF9D8

■ FFFFD8

# Harmonies

## Analogous

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



008DDB



697ED8



AB6BBE

# Triad

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



697ED8



C76A40



009872

# Complementary

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



697ED8



D8C369

# 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.



499347



697ED8



A87C26

# Square

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



697ED8



D55C68



7F8A28



0099A0

# Rectangle

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



697ED8



C560A4



7F8A28



009763



# Sweetspot

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



697ED8



D9E0FF



69D8C2



696D80



000000



808080



# Same Dimension

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



697ED8



617FFF



8A69D8



60626B



0020AB



00082B



# Inverse Universe

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



D8697E



FF617F



B7D869



6B6062



AB0020

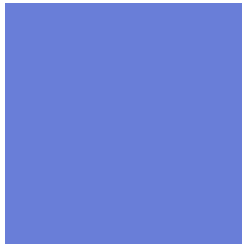


2B0008



# Previews

## White Background



This preview shows how the Hex color 697ED8 looks on a white background.

## Color Contrast Check

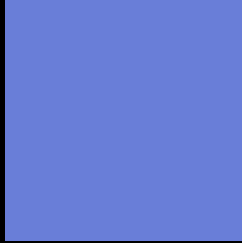
Large Text (above 18pt) WCAG AA ✓ Pass

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 697ED8 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 × Fail

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



## Hex 697ED8 Background



This preview shows how black text looks on a background with the Hex color 697ED8.

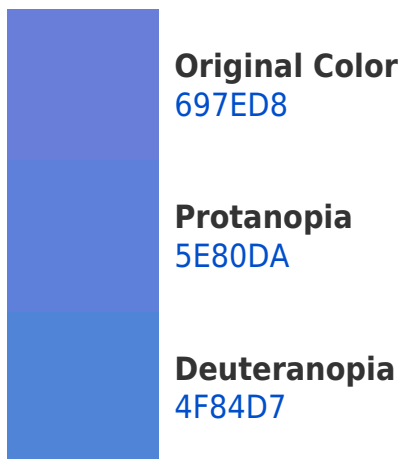


This preview shows how white text looks on a background with the Hex color 697ED8.

# 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](#).

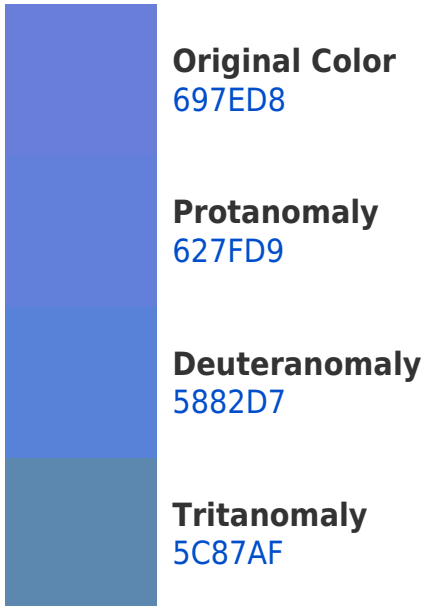
## Dichromacy



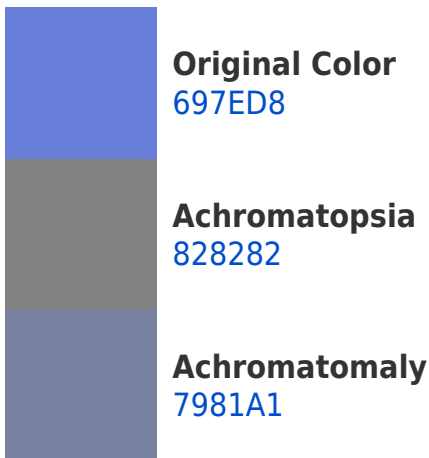


**Tritanopia**  
548C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 697ED8 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 #697ED8 looks like.

```
.text, #text, p{  
    color:#697ED8  
}
```

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 #697ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #697ED8
}
```

## Border

The CSS property to change the border of an element to Hex 697ED8 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
#697ED8 }
```

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

```
.border{ border-color:#697ED8 }
```

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

Here you see how a box with a 4 pixel #697ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #697ED8; -webkit-box-shadow:4px 4px  
4px 4px #697ED8; box-shadow:4px 4px 4px  
4px #697ED8 }
```

# Background

The CSS property to change the background color of an element to Hex 697ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#697ED8 }
```

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

```
.background{ background-color:#697ED8 }
```

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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