

Converting Colors

Hex(768CD7)

Have a look what the booklet for
Hex(768CD7) contains.

Hex(768CD7)	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(768CD7)

Conversions

Conversions Part 1

Format	Color
Hex	768CD7
RGB	118, 140, 215
RGB Percent	46%, 55%, 84%
CMY	0.5373, 0.4510, 0.1569
CMYK	0.45, 0.35, 0.00, 0.16
HSL	226°, 55%, 65%
HSV	226°, 45%, 84%
XYZ	29.1150, 27.5140, 68.0662
YIQ	141.9720, -37.1870, 18.6610

Conversions

Conversions Part 2

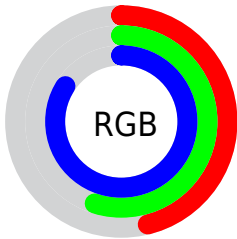
Format	Color
RYB	118, 136, 215
Decimal	7769303
CIELab	59.45, 11.85, -40.93
CIELCh	59, 42.609, 286.145
Yxy	27.5140, 0.2335, 0.2207
Android (android.graphics.Color)	4285959383 (0xFF768CD7)
YUV	141.9720, 36.0028, -21.0234
Hunter-Lab	52.4538, 7.2842, -40.2194

Details

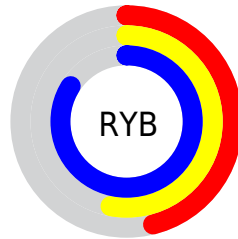
The Hex color **768CD7** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D7C176**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **AEC1FF**, and **3E5AA0** is the 20% darker color. If you saturate the color by 10%, you get **617BD7**, and if you desaturate by 10%, it is **8C9DD7**.

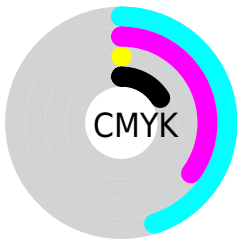
Distribution



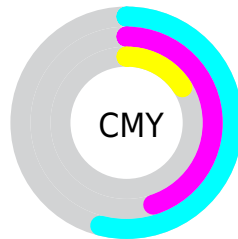
- Red (46%)
- Green (55%)
- Blue (84%)



- Red (46%)
- Yellow (53%)
- Blue (84%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768CD7 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 768CD7 by changing the saturation by 10% instead.

■ 768CD7

■ 768CD7

FFFFFF

■ 5A73BB

■ AEC1FF

■ 3E5AA0

■ CBDDFF

■ 1E4385

■ E8FAFF

■ 002D6C

■ 001953

■ 00003C

■ 000225

■ 00010D

■ 000000

 768CD7

 768CD7

 617BD7

 8C9DD7

 4B6BD7

 A1ADD7

 355AD7

 B7BED7

 204AD7

 CCCED7

 0B39D7

 E2DFD7

 0031D7

 F7F0D7

 FFFFD7

Harmonies

Analogous

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



1098D7



768CD7



AC7EC3

Triad

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



768CD7



CD795B



2AA17C

Complementary

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



768CD7



D7C176

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.



689C59



768CD7



B58745

Square

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



768CD7



D6717C



929345



00A2A3

Rectangle

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



768CD7



C475AE



929345



44A070

Sweetspot

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



768CD7



DBE3FF



76D7C0



6A6F80



000000



808080

Same Dimension

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



768CD7



7595FF



9076D7



60636B



0027AB



000A2B

Inverse Universe

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



D7768C



FF7595



BDD776



6B6063



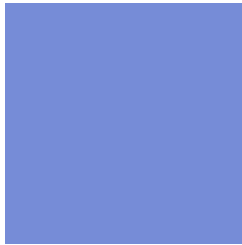
AB0027



2B000A

Previews

White Background



This preview shows how the Hex color 768CD7 looks on a white background.

Color Contrast Check

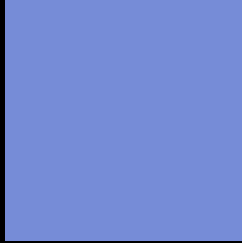
Large Text (above 18pt) WCAG AA ✓ Pass

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 768CD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

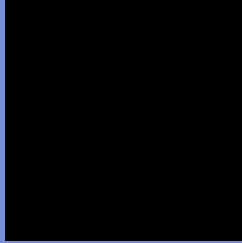
Any Text WCAG AA ✓ Pass

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 768CD7 Background



This preview shows how black text looks on a background with the Hex color 768CD7.



This preview shows how white text looks on a background with the Hex color 768CD7.

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



Original Color

768CD7

Protanopia

758CD7

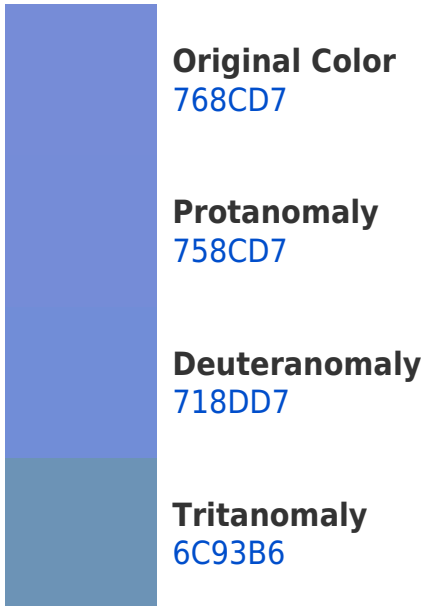
Deuteranopia

6E8ED7

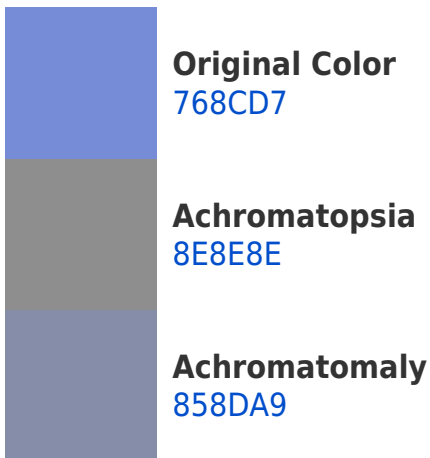


Tritanopia
6797A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 768CD7 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 #768CD7 looks like.

```
.text, #text, p{  
    color:#768CD7  
}
```

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 #768CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768CD7
}
```

Border

The CSS property to change the border of an element to Hex 768CD7 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
#768CD7 }
```

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

```
.border{ border-color:#768CD7 }
```

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

Here you see how a box with a 4 pixel #768CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768CD7; -webkit-box-shadow:4px 4px  
4px 4px #768CD7; box-shadow:4px 4px 4px  
4px #768CD7 }
```

Background

The CSS property to change the background color of an element to Hex 768CD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768CD7 }
```

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

```
.background{ background-color:#768CD7 }
```

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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