

Converting Colors

Hex(768EC5)

Have a look what the booklet for
Hex(768EC5) contains.

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Color

Hex(768EC5)

Conversions

Conversions Part 1

Format	Color
Hex	768EC5
RGB	118, 142, 197
RGB Percent	46%, 56%, 77%
CMY	0.5373, 0.4431, 0.2275
CMYK	0.40, 0.28, 0.00, 0.23
HSL	222°, 41%, 62%
HSV	222°, 40%, 77%
XYZ	27.2223, 27.2288, 56.6442
YIQ	141.0940, -31.9590, 12.0170

Conversions

Conversions Part 2

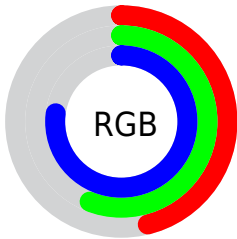
Format	Color
R _Y B	118, 136, 197
Decimal	7769797
CIE Lab	59.19, 5.51, -31.22
CIE LCh	59, 31.705, 280.005
Yxy	27.2288, 0.2450, 0.2451
Android (android.graphics.Color)	4285959877 (0xFF768EC5)
YUV	141.0940, 27.5617, -20.2534
Hunter-Lab	52.1812, 1.8041, -27.8342

Details

The Hex color **768EC5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C5AD76**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **ADC4FE**, and **415C8F** is the 20% darker color. If you saturate the color by 10%, you get **6280C5**, and if you desaturate by 10%, it is **8A9CC5**.

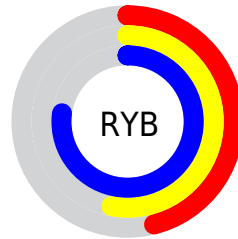
Distribution



Red (46%)

Green (56%)

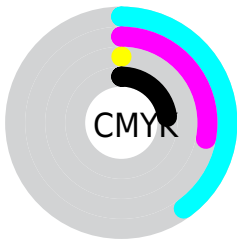
Blue (77%)



Red (46%)

Yellow (53%)

Blue (77%)

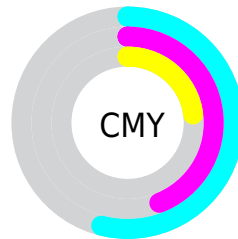


Cyan (40%)

Magenta (28%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768EC5 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 768EC5 by changing the saturation by 10% instead.

■ 768EC5

■ 768EC5

FFFFFF

■ 5B75AA

■ ADC4FE

■ 415C8F

■ C9DFFF

■ 254575

■ E6FCFF

■ 002F5C

■ 001A44

■ 00022E

■ 000118

■ 000000

■ 768EC5

■ 768EC5

■ 6280C5

■ 8A9CC5

■ 4F73C5

■ 9DA9C5

■ 3B65C5

■ B1B7C5

■ 2757C5

■ C5C5C5

■ 1449C5

■ D9D3C5

■ 003CC5

■ ECE0C5

■ FFEEC5

■ FFFCC5

■ FFFFC5

Harmonies

Analogous

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



4797C2



768EC5



9E84B9

Triad

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



768EC5



C17D6C



579C7B

Complementary

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



768EC5



C5AD76

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.



799763



768EC5



B1865B

Square

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



768EC5



C57986



989057



339E97

Rectangle

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



768EC5



B27EAB



989057



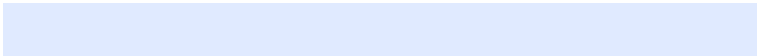
639B72

Sweetspot

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



768EC5



E0EAFF



76C5AC



6E7380



000000



808080

Same Dimension

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



768EC5



85AAFF



8476C5



5A5D63



0032A3



000B24

Inverse Universe

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



C5768E



FF85AA



B7C576



635A5D



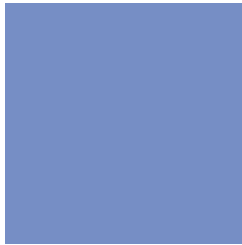
A30032



24000B

Previews

White Background



This preview shows how the Hex color 768EC5 looks on a white background.

Color Contrast Check

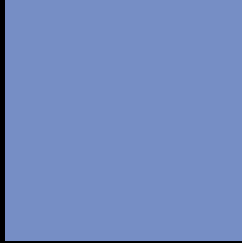
Large Text (above 18pt) WCAG AA ✓ Pass

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 768EC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

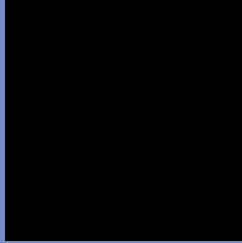
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

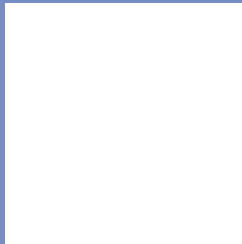
Any Text WCAG AAA × Fail

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

Hex 768EC5 Background



This preview shows how black text looks on a background with the Hex color 768EC5.



This preview shows how white text looks on a background with the Hex color 768EC5.

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
768EC5

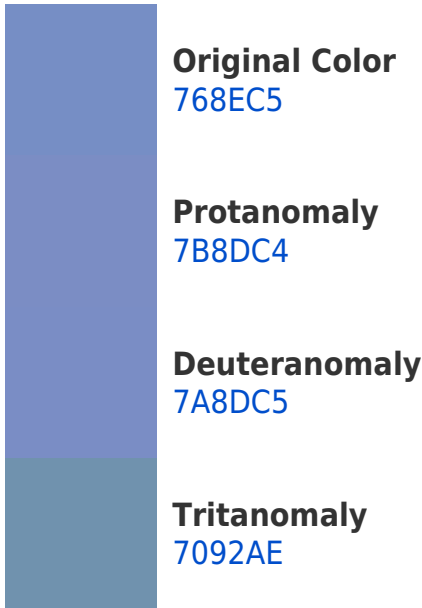
Protanopia
7E8CC4

Deuteranopia
7C8CC5

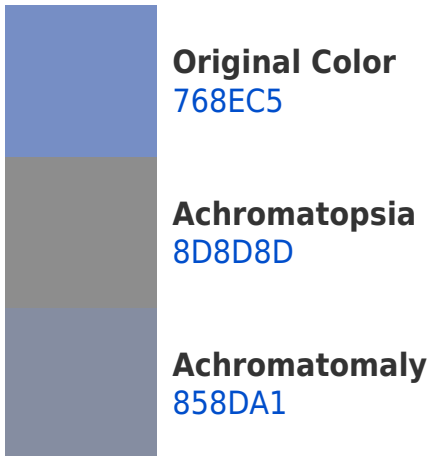


Tritanopia
6D95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 768EC5 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 #768EC5 looks like.

```
.text, #text, p{  
    color:#768EC5  
}
```

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 #768EC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768EC5
}
```

Border

The CSS property to change the border of an element to Hex 768EC5 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
#768EC5 }
```

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

```
.border{ border-color:#768EC5 }
```

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

Here you see how a box with a 4 pixel #768EC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768EC5; -webkit-box-shadow:4px 4px  
4px 4px #768EC5; box-shadow:4px 4px 4px  
4px #768EC5 }
```

Background

The CSS property to change the background color of an element to Hex 768EC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768EC5 }
```

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

```
.background{ background-color:#768EC5 }
```

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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