

Converting Colors

Hex(6765EC)

Have a look what the booklet for
Hex(6765EC) contains.

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Color

Hex(6765EC)

Conversions

Conversions Part 1

Format	Color
Hex	6765EC
RGB	103, 101, 236
RGB Percent	40%, 40%, 93%
CMY	0.5961, 0.6039, 0.0745
CMYK	0.56, 0.57, 0.00, 0.07
HSL	241°, 78%, 66%
HSV	241°, 57%, 93%
XYZ	25.3875, 18.2471, 81.5408
YIQ	116.9880, -42.1430, 42.4090

Conversions

Conversions Part 2

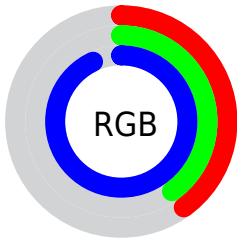
Format	Color
R _Y B	103, 101, 236
Decimal	6776300
CIE Lab	49.79, 38.41, -68.18
CIE LCh	50, 78.258, 299.394
Yxy	18.2471, 0.2028, 0.1458
Android (android.graphics.Color)	4284966380 (0xFF6765EC)
YUV	116.9880, 58.6729, -12.2675
Hunter-Lab	42.7166, 31.3330, -83.2759

Details

The Hex color **6765EC** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **EAEC65**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A498FF**, and **1D36B3** is the 20% darker color. If you saturate the color by 10%, you get **504DEC**, and if you desaturate by 10%, it is **7E7DEC**.

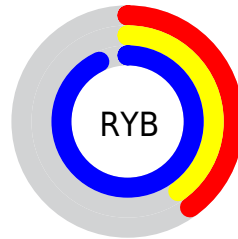
Distribution



Red (40%)

Green (40%)

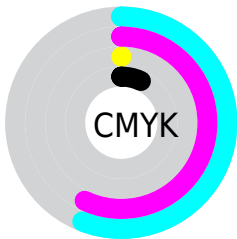
Blue (93%)



Red (40%)

Yellow (40%)

Blue (93%)

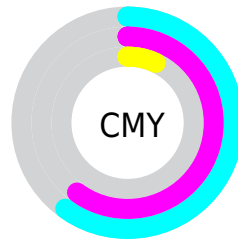


Cyan (56%)

Magenta (57%)

Yellow (0%)

Black (7%)



Cyan (60%)

Magenta (60%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6765EC 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 6765EC by changing the saturation by 10% instead.

■ 6765EC

■ 6765EC

FFFFFF

■ 464DCF

■ A498FF

■ 1D36B3

■ C2B3FF

■ 002098

■ E0CFFF

■ 000D7D

■ FEEBFF

■ 000063

■ 00094A

■ 000433

■ 00021D

■ 000000

■ 6765EC

■ 6765EC

■ 504DEC

■ 7E7DEC

■ 3836EC

■ 9694EC

■ 211EEC

■ ADACEC

■ 0A07EC

■ C4C3EC

■ 0300EC

■ DBDBEC

■ F3F3EC

■ FFFEC

Harmonies

Analogous

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



0080FD



6765EC



C23BBB

Triad

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



6765EC



C35600



009273

Complementary

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



6765EC



EAEC65

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.



008E2B



6765EC



917300

Square

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



6765EC



E22B3A



4E8500



0092B7

Rectangle

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



6765EC



DE1891



4E8500



00915C

Sweetspot

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



6765EC



D4D4FF



65ECEC



666680



000000



808080

Same Dimension

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



6765EC



524FFF



A965EC



6A6A75



0300B5



010036

Inverse Universe

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



EC65EA



FF4FFC



A9EC65



756A75



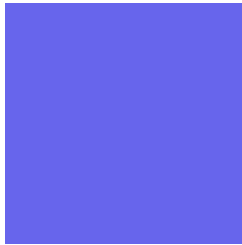
B500B2



360035

Previews

White Background



This preview shows how the Hex color 6765EC looks on a white background.

Color Contrast Check

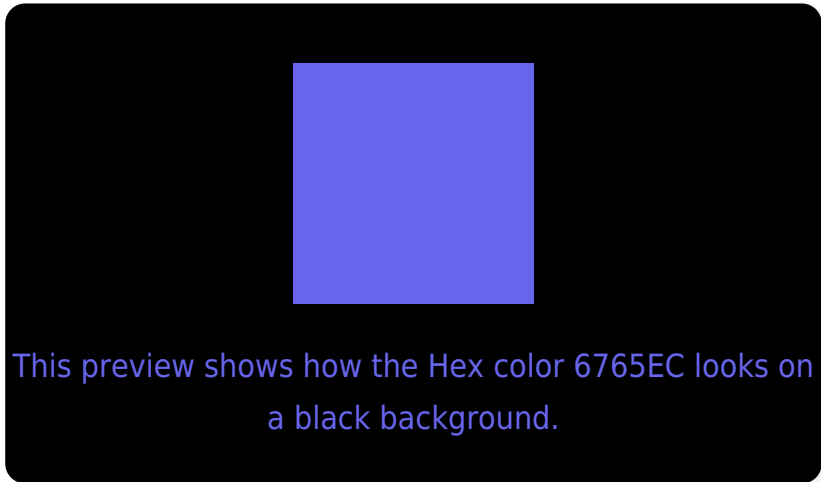
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 6765EC Background



This preview shows how black text looks on a background with the Hex color 6765EC.

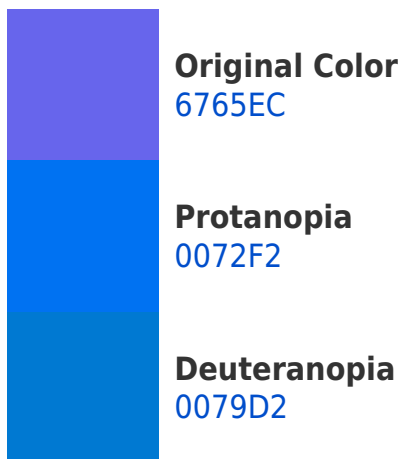


This preview shows how white text looks on a background with the Hex color 6765EC.

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](#).

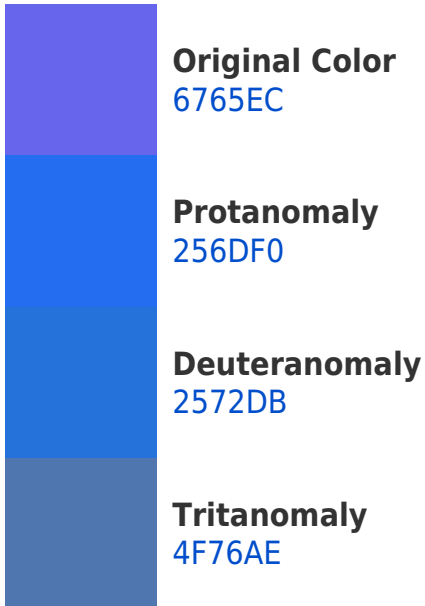
Dichromacy



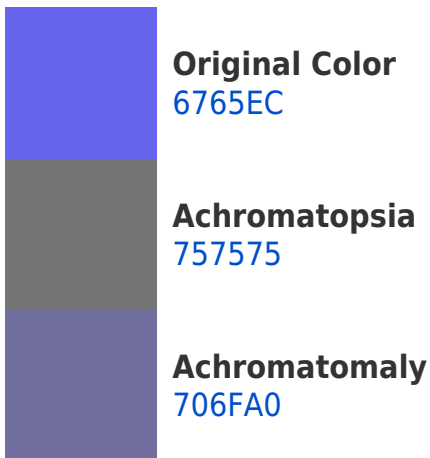


Tritanopia
417F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6765EC 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 #6765EC looks like.

```
.text, #text, p{  
    color:#6765EC  
}
```

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 #6765EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6765EC
}
```

Border

The CSS property to change the border of an element to Hex 6765EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

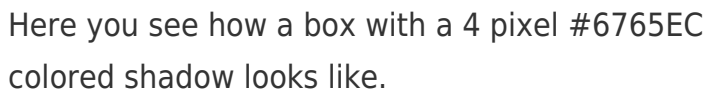
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6765EC }
```

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

```
.border{ border-color:#6765EC }
```

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



Here you see how a box with a 4 pixel #6765EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6765EC; -webkit-box-shadow:4px 4px  
4px 4px #6765EC; box-shadow:4px 4px 4px  
4px #6765EC }
```

Background

The CSS property to change the background color of an element to Hex 6765EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6765EC }
```

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

```
.background{ background-color:#6765EC }
```

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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