

Converting Colors

Hex(766FD0)

Have a look what the booklet for
Hex(766FD0) contains.

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Color

Hex(766FD0)

Conversions

Conversions Part 1

Format	Color
Hex	766FD0
RGB	118, 111, 208
RGB Percent	46%, 44%, 82%
CMY	0.5373, 0.5647, 0.1843
CMYK	0.43, 0.47, 0.00, 0.18
HSL	244°, 51%, 63%
HSV	244°, 47%, 82%
XYZ	24.5408, 19.7745, 62.1979
YIQ	124.1510, -26.9650, 31.6510

Conversions

Conversions Part 2

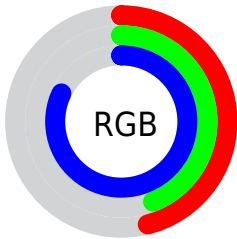
Format	Color
RYB	118, 111, 208
Decimal	7761872
CIELab	51.58, 27.09, -49.43
CIELCh	52, 56.363, 298.724
Yxy	19.7745, 0.2304, 0.1857
Android (android.graphics.Color)	4285951952 (0xFF766FD0)
YUV	124.1510, 41.3376, -5.3944
Hunter-Lab	44.4685, 20.6888, -51.8007

Details

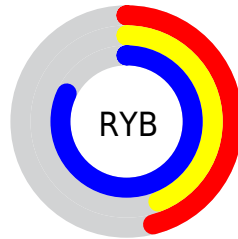
The Hex color **766FD0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C9D06F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **AEA3FF**, and **3E3F99** is the 20% darker color. If you saturate the color by 10%, you get **635AD0**, and if you desaturate by 10%, it is **8984D0**.

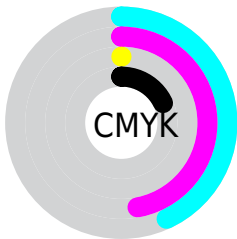
Distribution



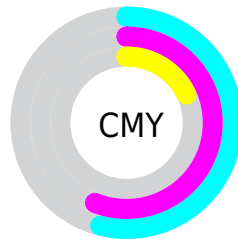
- Red (46%)
- Green (44%)
- Blue (82%)



- Red (46%)
- Yellow (44%)
- Blue (82%)



- Cyan (43%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766FD0 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 766FD0 by changing the saturation by 10% instead.

■ 766FD0

■ 766FD0

FFFFFF

■ 5A57B4

■ AEA3FF

■ 3E3F99

■ CBBEFF

■ 1E297E

■ E8DAFF

■ 001565

■ FFF6FF

■ 00004C

■ 000535

■ 00021E

■ 000001

■ 000000

 766FD0

 766FD0

 635AD0

 8984D0

 4F45D0

 9D99D0

 3C31D0

 B0ADD0

 291CD0

 C3C2D0

 1607D0

 D6D7D0

 0F00D0

 EAECD0

 FDFFD0

 FFFF00

Harmonies

Analogous

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



0081DC



766FD0



B359AE

Triad

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



766FD0



B96526



009177

Complementary

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



766FD0



C9D06F

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.



108E46



766FD0



947805

Square

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



766FD0



CF5250



65861B



0091A8

Rectangle

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



766FD0



C94E8F



65861B



009066

Sweetspot

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



766FD0



DEDBFF



6FCAD0



6B6A80



000000



808080

Same Dimension

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



766FD0



7B70FF



A66FD0



5F5E69



0C00A8



030029

Inverse Universe

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



D06FC9



FF70F5



99D06F



695E68



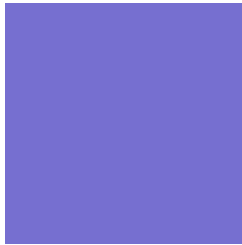
A8009C



290026

Previews

White Background



This preview shows how the Hex color 766FD0 looks on a white background.

Color Contrast Check

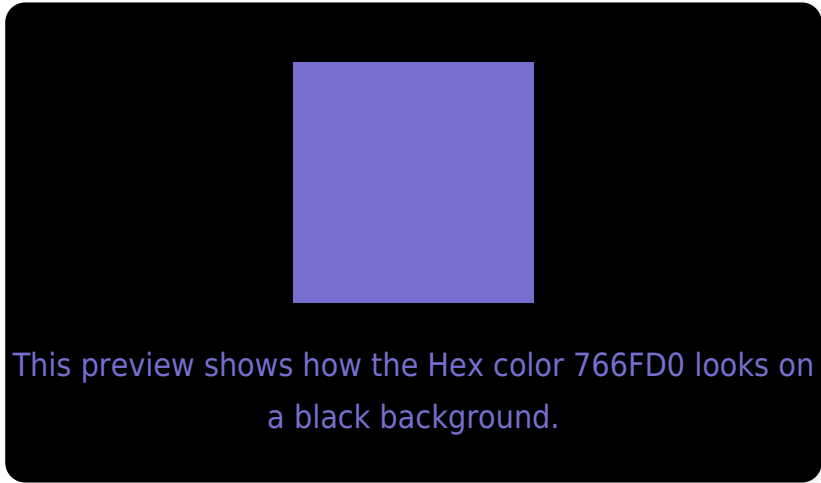
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

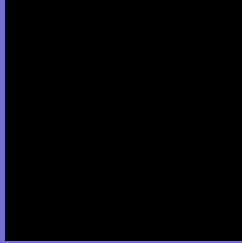
Any Text WCAG AA ✓ Pass

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 766FD0 Background



This preview shows how black text looks on a background with the Hex color 766FD0.



This preview shows how white text looks on a background with the Hex color 766FD0.

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](#).

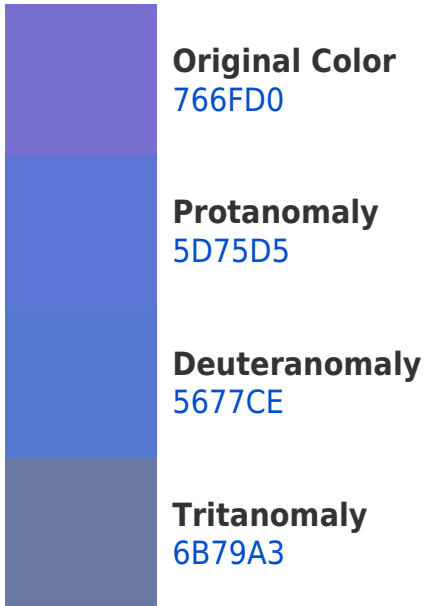
Dichromacy



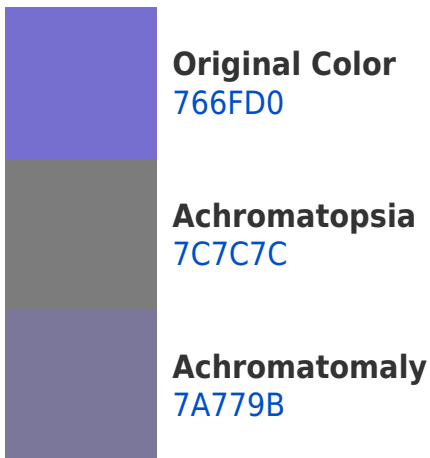


Tritanopia
647F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 766FD0 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 #766FD0 looks like.

```
.text, #text, p{  
    color:#766FD0  
}
```

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 #766FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766FD0
}
```

Border

The CSS property to change the border of an element to Hex 766FD0 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
#766FD0 }
```

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

```
.border{ border-color:#766FD0 }
```

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

Here you see how a box with a 4 pixel #766FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766FD0; -webkit-box-shadow:4px 4px  
4px 4px #766FD0; box-shadow:4px 4px 4px  
4px #766FD0 }
```

Background

The CSS property to change the background color of an element to Hex 766FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766FD0 }
```

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

```
.background{ background-color:#766FD0 }
```

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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