

# Converting Colors

Hex(766BD3)

Have a look what the booklet for  
Hex(766BD3) contains.

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**Color**

**Hex(766BD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	766BD3
RGB	118, 107, 211
RGB Percent	46%, 42%, 83%
CMY	0.5373, 0.5804, 0.1725
CMYK	0.44, 0.49, 0.00, 0.17
HSL	246°, 54%, 62%
HSV	246°, 49%, 83%
XYZ	24.4868, 19.0701, 64.0183
YIQ	122.1450, -26.8280, 34.6760

# Conversions

## Conversions Part 2

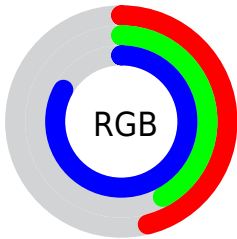
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 107, 211</a>
Decimal	<a href="#">7760851</a>
CIELab	<a href="#">50.77, 30.35, -52.43</a>
CIELCh	<a href="#">51, 60.584, 300.068</a>
Yxy	<a href="#">19.0701, 0.2276, 0.1773</a>
Android (android.graphics.Color)	<a href="#">4285950931 (0xFF766BD3)</a>
YUV	<a href="#">122.1450, 43.8055, -3.6352</a>
Hunter-Lab	<a href="#">43.6693, 23.6694, -56.3494</a>

# Details

The Hex color **766BD3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C8D36B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AF9FFF**, and **3D3B9C** is the 20% darker color. If you saturate the color by 10%, you get **6356D3**, and if you desaturate by 10%, it is **8980D3**.

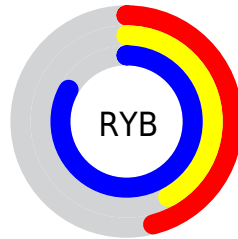
# Distribution



Red (46%)

Green (42%)

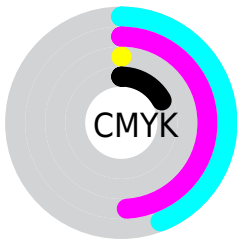
Blue (83%)



Red (46%)

Yellow (42%)

Blue (83%)

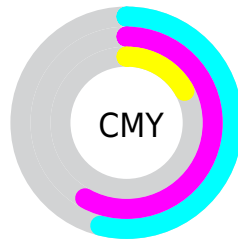


Cyan (44%)

Magenta (49%)

Yellow (0%)

Black (17%)



Cyan (54%)

Magenta (58%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766BD3 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 766BD3 by changing the saturation by 10% instead.



■ 766BD3

■ 766BD3

FFFFFF

■ 5A53B7

■ AF9FFF

■ 3D3B9C

■ CBBAFF

■ 1C2581

■ E9D5FF

■ 001167

■ FFF2FF

■ 00004F

■ 000537

■ 000220

■ 000005

■ 000000

 766BD3

 766BD3

 6356D3

 8980D3

 5041D3

 9C95D3

 3D2CD3

 AFAAD3

 2B17D3

 C1BFD3

 1802D3

 D4D4D3

 1600D3

 E7EAD3

 FAFFD3

 FFFFD3

# Harmonies

## Analogous

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



007FE1



766BD3



B652AD

# Triad

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



766BD3



B9621A



009077

# Complementary

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



766BD3



C8D36B

# 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.



008D42



766BD3



917700

# Square

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



766BD3



D14B48



5D850C



0090AB

# Rectangle

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



766BD3



CC458C



5D850C



008F65



# Sweetspot

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



766BD3



DDD9FF



6BC9D3



6B6980



000000



808080



# Same Dimension

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



766BD3



7869FF



A96BD3



5F5E69



1200A8



040029



# Inverse Universe

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



D36BC8



FF69EF



95D36B



695E67



A80096

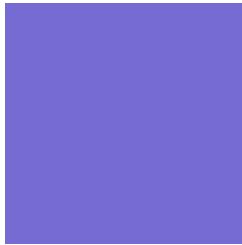


290024



# Previews

## White Background



This preview shows how the Hex color 766BD3 looks on a white background.

## Color Contrast Check

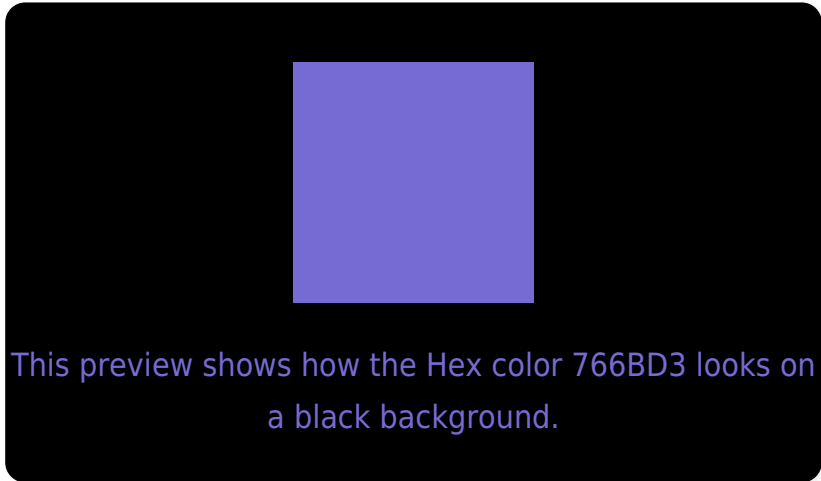
Large Text (above 18pt) WCAG AA ✓ Pass

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 766BD3 Background



This preview shows how black text looks on a background with the Hex color 766BD3.

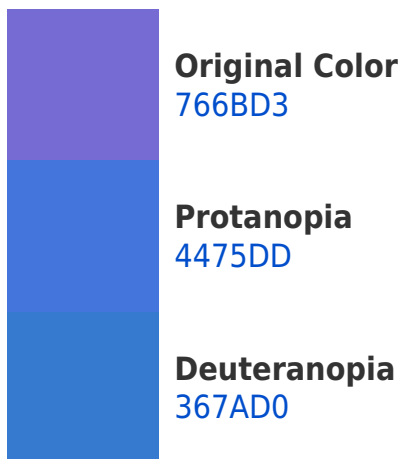



This preview shows how white text looks on a background with the Hex color 766BD3.

# 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](#).

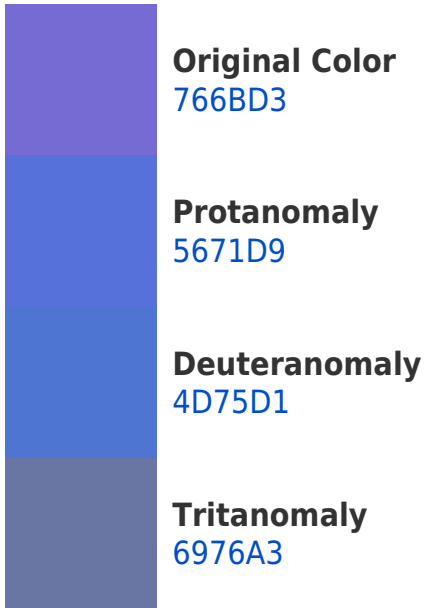
## Dichromacy



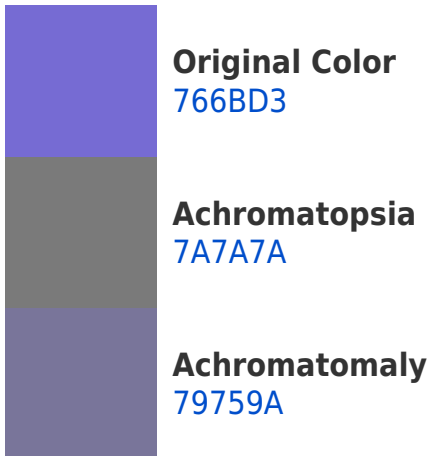


**Tritanopia**  
627D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766BD3 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 #766BD3 looks like.

```
.text, #text, p{  
    color:#766BD3  
}
```

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 #766BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766BD3
}
```

## Border

The CSS property to change the border of an element to Hex 766BD3 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
#766BD3 }
```

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

```
.border{ border-color:#766BD3 }
```

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

Here you see how a box with a 4 pixel #766BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766BD3; -webkit-box-shadow:4px 4px  
4px 4px #766BD3; box-shadow:4px 4px 4px  
4px #766BD3 }
```

# Background

The CSS property to change the background color of an element to Hex 766BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766BD3 }
```

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

```
.background{ background-color:#766BD3 }
```

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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