

# Converting Colors

Hex(766BBF)

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

<b>Hex(766BBF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(766BBF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766BBF
RGB	118, 107, 191
RGB Percent	46%, 42%, 75%
CMY	0.5373, 0.5804, 0.2510
CMYK	0.38, 0.44, 0.00, 0.25
HSL	248°, 40%, 58%
HSV	248°, 44%, 75%
XYZ	22.1329, 18.1285, 51.6228
YIQ	119.8650, -20.4080, 28.4560

# Conversions

## Conversions Part 2

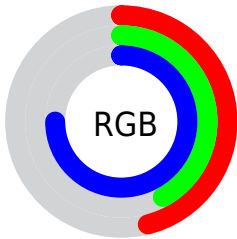
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 107, 191
Decimal	7760831
CIE <sub>Lab</sub>	49.65, 24.63, -42.76
CIE <sub>LCh</sub>	50, 49.346, 299.943
Yxy	18.1285, 0.2409, 0.1973
Android (android.graphics.Color)	4285950911 (0xFF766BBF)
YUV	119.8650, 35.0696, -1.6356
Hunter-Lab	42.5776, 18.2778, -42.0813

# Details

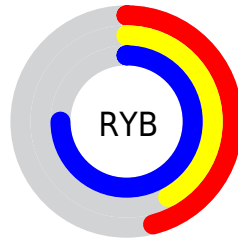
The Hex color **766BBF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B4BF6B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AD9EF8**, and **413C89** is the 20% darker color. If you saturate the color by 10%, you get **6558BF**, and if you desaturate by 10%, it is **877EBF**.

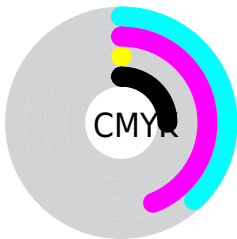
# Distribution



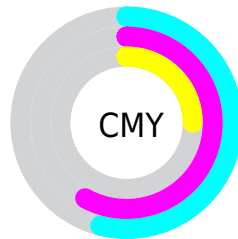
- Red (46%)
- Green (42%)
- Blue (75%)



- Red (46%)
- Yellow (42%)
- Blue (75%)



- Cyan (38%)
- Magenta (44%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (58%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



■ 766BBF

■ 766BBF

FFFFFF

■ 5B53A4

■ AD9EF8

■ 413C89

■ C9B9FF

■ 25266F

■ E6D5FF

■ 001156

■ FFF2FF

■ 00003F

■ 000328

■ 000111

■ 000000

■ 766BBF

■ 766BBF

6558BF

877EBF

5545BF

9791BF

4432BF

A8A4BF

341FBF

B8B7BF

230CBF

C9CBBF

1900BF

DADEBF

EAF1BF

FBFFBF

FFFFBF

# Harmonies

## Analogous

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



007BCA



766BBF



A959A1

# Triad

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



766BBF



AD642D



008A75

# Complementary

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



766BBF



B4BF6B

# 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.



22874A



766BBF



8C741A

# Square

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



766BBF



C0544F



628027



008A9F

# Rectangle

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



766BBF



BB5186



628027



008966



# Sweetspot

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



766BBF



DBD7F7



6BB5BF



6C697D



FCFCFC



7D7D7D



# Same Dimension

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



766BBF



8574F7



9F6BBF



56555E



15009E



04001F



# Inverse Universe

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



BF6BB4



F774E6



8BBF6B



5E555D



9E0089



1F001B



# Previews

## White Background



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

## Color Contrast Check

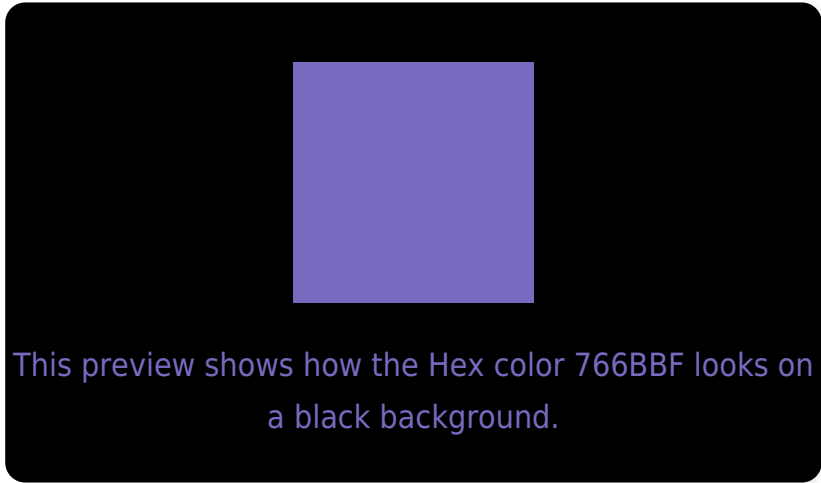
Large Text (above 18pt) WCAG AA ✓ Pass

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 766BBF Background



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

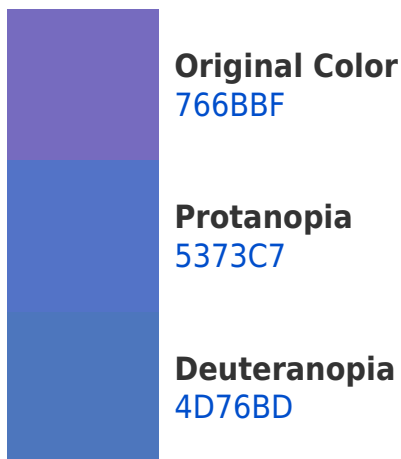


This preview shows how white text looks on a background with the Hex color 766BBF.

# 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](#).

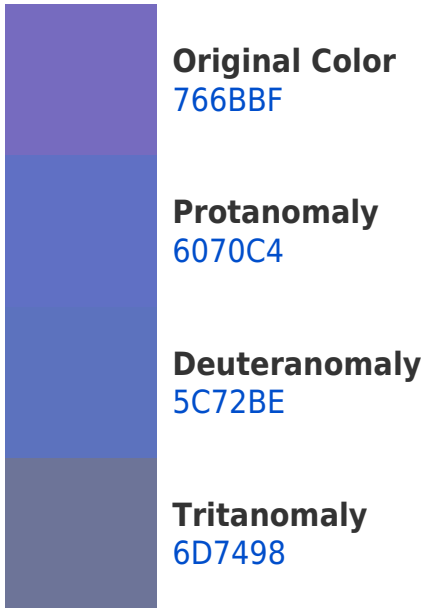
## Dichromacy





**Tritanopia**  
687982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #766BBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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