

# Converting Colors

Hex(746BB6)

Have a look what the booklet for  
Hex(746BB6) contains.

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# Color

**Hex(746BB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	746BB6
RGB	116, 107, 182
RGB Percent	45%, 42%, 71%
CMY	0.5451, 0.5804, 0.2863
CMYK	0.36, 0.41, 0.00, 0.29
HSL	247°, 34%, 57%
HSV	247°, 41%, 71%
XYZ	20.9037, 17.6058, 46.5525
YIQ	118.2410, -18.7110, 25.2330

# Conversions

## Conversions Part 2

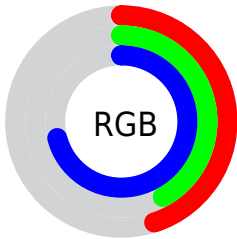
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 107, 182
Decimal	7629750
CIE <sub>Lab</sub>	49.01, 21.57, -38.58
CIE <sub>LCh</sub>	49, 44.198, 299.217
Yxy	17.6058, 0.2457, 0.2070
Android (android.graphics.Color)	4285819830 (0xFF746BB6)
YUV	118.2410, 31.4332, -1.9654
Hunter-Lab	41.9593, 15.4981, -36.4089

# Details

The Hex color **746BB6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ADB66B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AA9EEE**, and **403C81** is the 20% darker color. If you saturate the color by 10%, you get **6459B6**, and if you desaturate by 10%, it is **847DB6**.

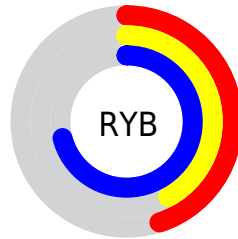
# Distribution



Red (45%)

Green (42%)

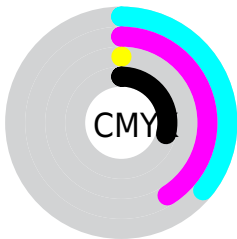
Blue (71%)



Red (45%)

Yellow (42%)

Blue (71%)

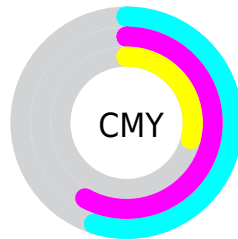


Cyan (36%)

Magenta (41%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (58%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746BB6 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 746BB6 by changing the saturation by 10% instead.



■ 746BB6

■ 746BB6

FFFFFF

■ 5A539B

■ AA9EEE

■ 403C81

■ C6B9FF

■ 252667

■ E3D5FF

■ 03124F

■ FFF1FF

■ 000037

■ 000221

■ 000006

■ 000000

■ 746BB6

■ 746BB6

6459B6

847DB6

5447B6

948FB6

4434B6

A4A2B6

3422B6

B4B4B6

2410B6

C4C6B6

1600B6

D4D8B6

E4EAB6

F4FDB6

FFFFB6

# Harmonies

## Analogous

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



1879BF



746BB6



A15C9B

# Triad

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



746BB6



A76434



008772

# Complementary

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



746BB6



ADB66B

# 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.



31844C



746BB6



8A7225

# Square

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



746BB6



B85752



657D2F



008698

# Rectangle

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



746BB6



B25584



657D2F



008665



# Sweetspot

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



746BB6



D4D1ED



6BADB6



696778



F7F7F7



787878



# Same Dimension

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



746BB6



8779ED



996BB6



54535C



13009C



03001C



# Inverse Universe

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



B66BAD



ED79DF



88B66B



5C535B



9C0089



1C0019



# Previews

## White Background



This preview shows how the Hex color 746BB6 looks on a white background.

## Color Contrast Check

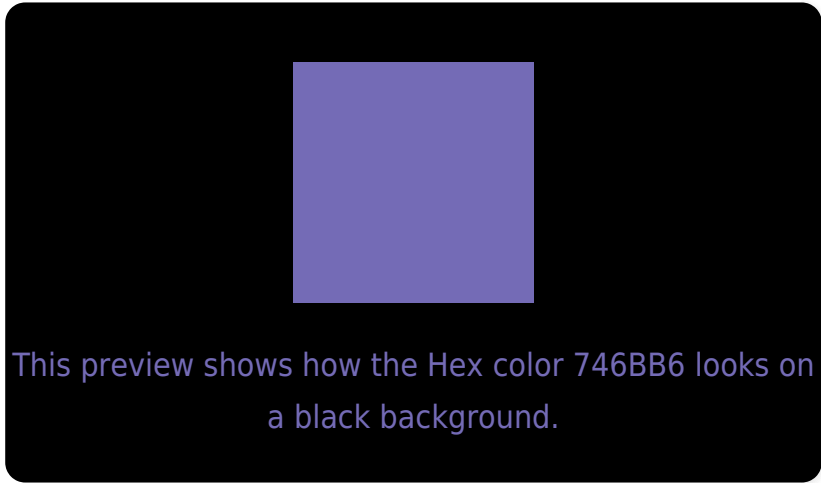
Large Text (above 18pt) WCAG AA ✓ Pass

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 746BB6 Background



This preview shows how black text looks on a background with the Hex color 746BB6.



This preview shows how white text looks on a background with the Hex color 746BB6.

# 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](#).

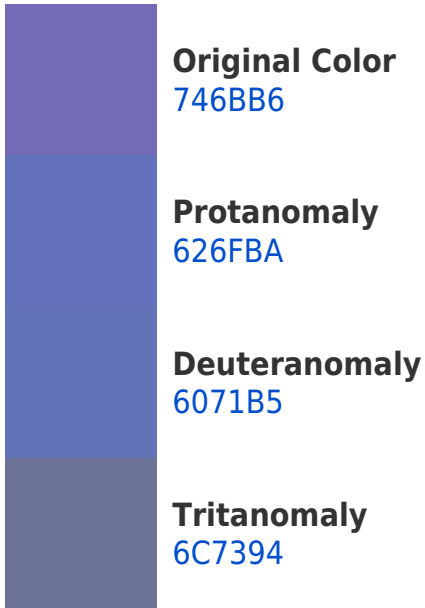
## Dichromacy



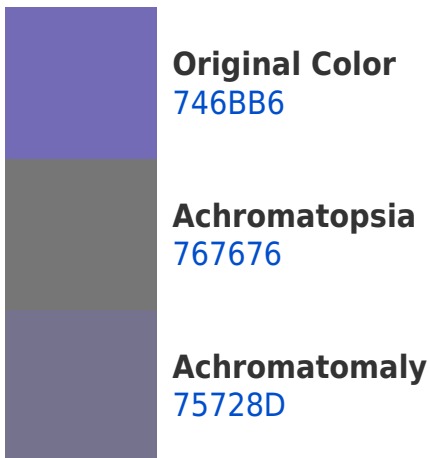


**Tritanopia**  
687780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746BB6 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 #746BB6 looks like.

```
.text, #text, p{  
    color:#746BB6  
}
```

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 #746BB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746BB6
}
```

## Border

The CSS property to change the border of an element to Hex 746BB6 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
#746BB6 }
```

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

```
.border{ border-color:#746BB6 }
```

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

Here you see how a box with a 4 pixel #746BB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746BB6; -webkit-box-shadow:4px 4px  
4px 4px #746BB6; box-shadow:4px 4px 4px  
4px #746BB6 }
```

# Background

The CSS property to change the background color of an element to Hex 746BB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746BB6 }
```

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

```
.background{ background-color:#746BB6 }
```

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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