

Converting Colors

Hex(766AC3)

Have a look what the booklet for
Hex(766AC3) contains.

Hex(766AC3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(766AC3)

Conversions

Conversions Part 1

Format	Color
Hex	766AC3
RGB	118, 106, 195
RGB Percent	46%, 42%, 76%
CMY	0.5373, 0.5843, 0.2353
CMYK	0.39, 0.46, 0.00, 0.24
HSL	248°, 43%, 59%
HSV	248°, 46%, 76%
XYZ	22.4756, 18.0998, 53.9388
YIQ	119.7340, -21.4170, 30.2230

Conversions

Conversions Part 2

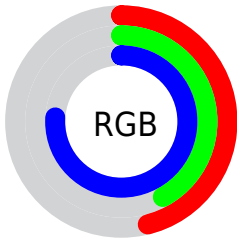
Format	Color
RYB	118, 106, 195
Decimal	7760579
CIELab	49.62, 26.36, -45.12
CIElCh	50, 52.254, 300.296
Yxy	18.0998, 0.2378, 0.1915
Android (android.graphics.Color)	4285950659 (0xFF766AC3)
YUV	119.7340, 37.1061, -1.5207
Hunter-Lab	42.5438, 19.8486, -45.3896

Details

The Hex color **766AC3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7C36A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AD9DFC**, and **403B8D** is the 20% darker color. If you saturate the color by 10%, you get **6557C3**, and if you desaturate by 10%, it is **877EC3**.

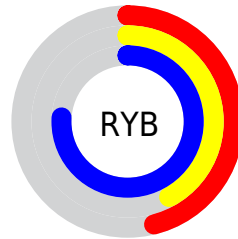
Distribution



Red (46%)

Green (42%)

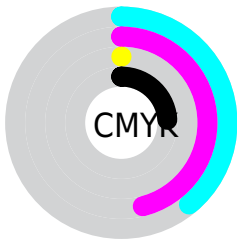
Blue (76%)



Red (46%)

Yellow (42%)

Blue (76%)

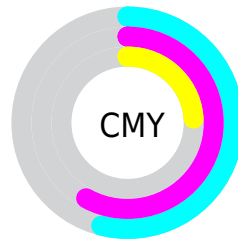


Cyan (39%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (58%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766AC3 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 766AC3 by changing the saturation by 10% instead.

766AC3

766AC3

FFFFFF

5B52A7

AD9DFC

403B8D

CAB8FF

232573

E7D4FF

00105A

FFF1FF

000042

00032B

000115

000000

766AC3

766AC3

■ 6557C3

■ 877EC3

■ 5443C3

■ 9891C3

■ 4330C3

■ A9A5C3

■ 331CC3

■ B9B8C3

■ 2209C3

■ CACCC3

■ 1A00C3

■ DBDFC3

■ ECF3C3

■ FDFFC3

■ FFFFC3

Harmonies

Analogous

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



007BCF



766AC3



AC57A3

Triad

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



766AC3



AE6327



008B75

Complementary

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



766AC3



B7C36A

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.



138848



766AC3



8C7410

Square

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



766AC3



C3524C



608021



008AA2

Rectangle

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



766AC3



BF4D86



608021



008A66

Sweetspot

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



766AC3



DED9FC



6AB7C3



6D6A80



000000



808080

Same Dimension

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



766AC3



8472FC



A26AC3



595761



1600A1



040021

Inverse Universe

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



C36AB7



FC72EA



8BC36A



615760



A1008B



21001D

Previews

White Background



This preview shows how the Hex color 766AC3 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

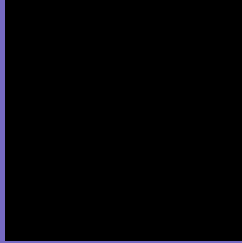
Any Text WCAG AA ✓ Pass

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 766AC3 Background



This preview shows how black text looks on a background with the Hex color 766AC3.

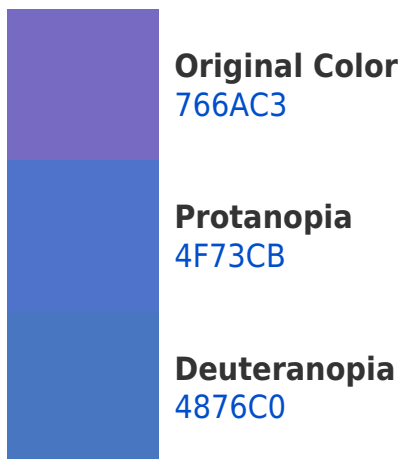


This preview shows how white text looks on a background with the Hex color 766AC3.

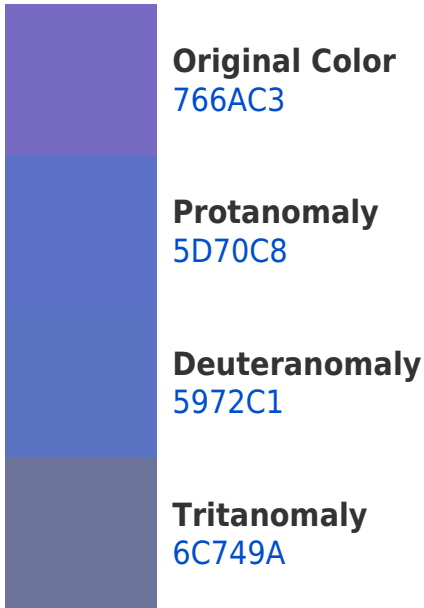
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 766AC3 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 #766AC3 looks like.

```
.text, #text, p{  
    color:#766AC3  
}
```

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 #766AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766AC3  
}
```

Border

The CSS property to change the border of an element to Hex 766AC3 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  
#766AC3 }
```

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

```
.border{ border-color:#766AC3 }
```

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

Here you see how a box with a 4 pixel #766AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766AC3; -webkit-box-shadow:4px 4px  
4px 4px #766AC3; box-shadow:4px 4px 4px  
4px #766AC3 }
```

Background

The CSS property to change the background color of an element to Hex 766AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766AC3 }
```

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

```
.background{ background-color:#766AC3 }
```

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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