

Converting Colors

Hex(766CC5)

Have a look what the booklet for
Hex(766CC5) contains.

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Color

Hex(766CC5)

Conversions

Conversions Part 1

Format	Color
Hex	766CC5
RGB	118, 108, 197
RGB Percent	46%, 42%, 77%
CMY	0.5373, 0.5765, 0.2275
CMYK	0.40, 0.45, 0.00, 0.23
HSL	247°, 43%, 60%
HSV	247°, 45%, 77%
XYZ	22.9118, 18.6079, 55.2074
YIQ	121.1360, -22.6090, 29.7990

Conversions

Conversions Part 2

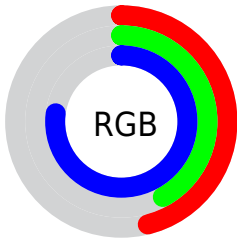
Format	Color
RYB	118, 108, 197
Decimal	7761093
CIELab	50.23, 25.73, -45.30
CIElCh	50, 52.095, 299.592
Yxy	18.6079, 0.2369, 0.1924
Android (android.graphics.Color)	4285951173 (0xFF766CC5)
YUV	121.1360, 37.4010, -2.7503
Hunter-Lab	43.1369, 19.3194, -45.6847

Details

The Hex color **766CC5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BBC56C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ADA0FE**, and **403C8F** is the 20% darker color. If you saturate the color by 10%, you get **6558C5**, and if you desaturate by 10%, it is **8780C5**.

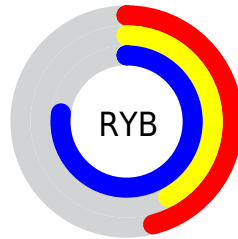
Distribution



Red (46%)

Green (42%)

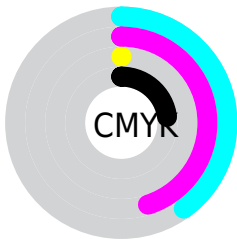
Blue (77%)



Red (46%)

Yellow (42%)

Blue (77%)

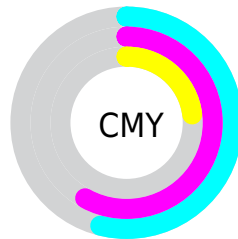


Cyan (40%)

Magenta (45%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (58%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766CC5 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 766CC5 by changing the saturation by 10% instead.

■ 766CC5

■ 766CC5

FFFFFF

■ 5B54A9

■ ADA0FE

■ 403C8F

■ CABBF

■ 232775

■ E7D6FF

■ 00125B

■ FFF3FF

■ 000043

■ 00032C

■ 000116

■ 000000

■ 766CC5

■ 766CC5

6558C5

8780C5

5345C5

9993C5

4231C5

AAA7C5

301DC5

BCBBC5

1F09C5

CDCFC5

1600C5

DFE2C5

F0F6C5

FFFFC5

Harmonies

Analogous

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



007DD0



766CC5



AC59A5

Triad

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



766CC5



B1642A



008C75

Complementary

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



766CC5



BBC56C

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.



1B8948



766CC5



8F7513

Square

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



766CC5



C5534E



638223



008CA2

Rectangle

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



766CC5



C04F89



638223



008C66

Sweetspot

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



766CC5



DFDBFF



6CBCC5



6C6A80



000000



808080

Same Dimension

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



766CC5



8575FF



A16CC5



5B5A63



1200A3



040024

Inverse Universe

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



C56CBB



FF75F0



90C56C



635A62



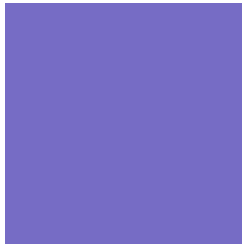
A30091



240020

Previews

White Background



This preview shows how the Hex color 766CC5 looks on a white background.

Color Contrast Check

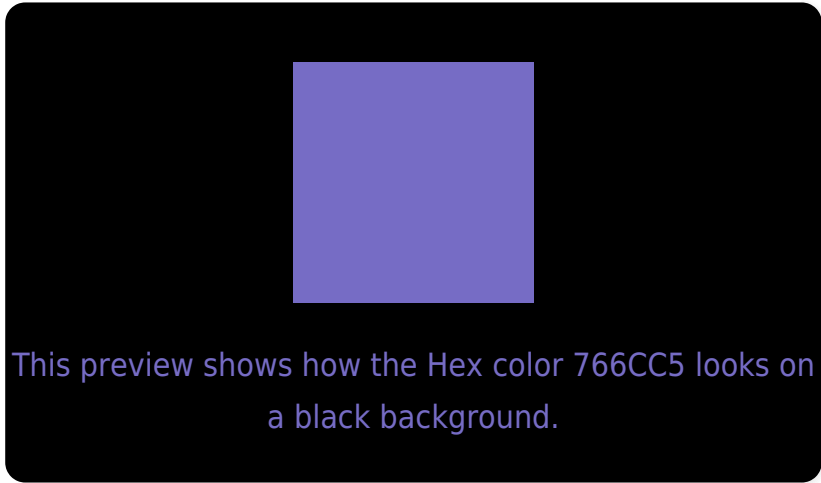
Large Text (above 18pt) WCAG AA ✓ Pass

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

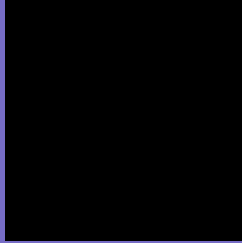
Any Text WCAG AA ✓ Pass

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 766CC5 Background



This preview shows how black text looks on a background with the Hex color 766CC5.

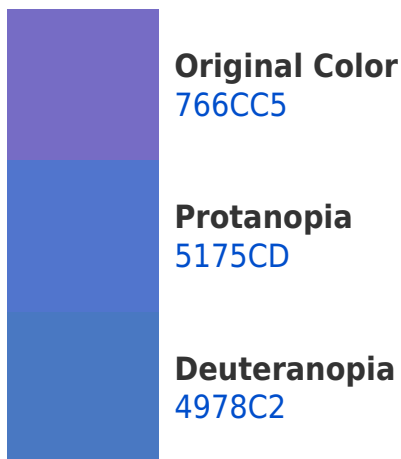


This preview shows how white text looks on a background with the Hex color 766CC5.

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
667B84

Trichromacy



Original Color
766CC5

Protanomaly
5E72CA

Deuteranomaly
5974C3

Tritanomaly
6C769C

Monochromacy



Original Color
766CC5

Achromatopsia
797979

Achromatomaly
787495

CSS Examples

Text

The CSS property to change the color of the text to Hex 766CC5 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 #766CC5 looks like.

```
.text, #text, p{  
    color:#766CC5  
}
```

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 #766CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766CC5
}
```

Border

The CSS property to change the border of an element to Hex 766CC5 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
#766CC5 }
```

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

```
.border{ border-color:#766CC5 }
```

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

Here you see how a box with a 4 pixel #766CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766CC5; -webkit-box-shadow:4px 4px  
4px 4px #766CC5; box-shadow:4px 4px 4px  
4px #766CC5 }
```

Background

The CSS property to change the background color of an element to Hex 766CC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766CC5 }
```

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

```
.background{ background-color:#766CC5 }
```

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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