

Converting Colors

Hex(746CDE)

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

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Color

Hex(746CDE)

Conversions

Conversions Part 1

Format	Color
Hex	746CDE
RGB	116, 108, 222
RGB Percent	45%, 42%, 87%
CMY	0.5451, 0.5765, 0.1294
CMYK	0.48, 0.51, 0.00, 0.13
HSL	244°, 63%, 65%
HSV	244°, 51%, 87%
XYZ	25.7498, 19.7121, 71.5549
YIQ	123.3880, -31.8260, 37.1500

Conversions

Conversions Part 2

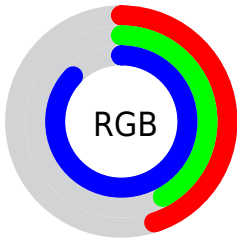
Format	Color
R_{YB}	116, 108, 222
Decimal	7630046
CIE _{Lab}	51.51, 32.54, -57.49
CIE _{LCh}	52, 66.056, 299.511
Yxy	19.7121, 0.2201, 0.1685
Android (android.graphics.Color)	4285820126 (0xFF746CDE)
YUV	123.3880, 48.6157, -6.4793
Hunter-Lab	44.3983, 25.8284, -64.4765

Details

The Hex color **746CDE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D6DE6C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AEA0FF**, and **383CA6** is the 20% darker color. If you saturate the color by 10%, you get **5F56DE**, and if you desaturate by 10%, it is **8982DE**.

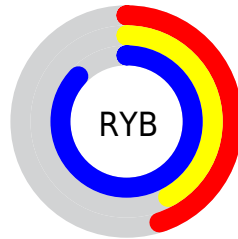
Distribution



Red (45%)

Green (42%)

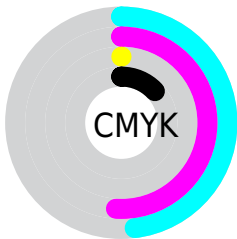
Blue (87%)



Red (45%)

Yellow (42%)

Blue (87%)

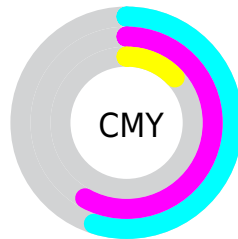


Cyan (48%)

Magenta (51%)

Yellow (0%)

Black (13%)



Cyan (55%)

Magenta (58%)

Yellow (13%)

Brightness & Saturation Gradients

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

 746CDE

 746CDE

FFFFFF

 5754C2

 AEA0FF

 383CA6

 CBBBFF

 0F268B

 E8D6FF

 001271

 FFF3FF

 000058

 00073F

 000328

 000112

 000000

 746CDE

 746CDE

 5F56DE

 8982DE

 4B40DE

 9D98DE

 3629DE

 B2AFDE

 2113DE

 C7C5DE

 1000DE

 DBDBDE

 F0F1DE

 FFFFDE

Harmonies

Analogous

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



0082ED



746CDE



BD4FB5

Triad

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



746CDE



C0610E



009478

Complementary

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



746CDE



D6DE6C

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.



00903D



746CDE



957800

Square

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



746CDE



DA4647



5D8700



0094B1

Rectangle

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



746CDE



D53F91



5D8700



009364

Sweetspot

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



746CDE



DBD9FF



6CD6DE



6A6980



000000



808080

Same Dimension

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



746CDE



6C61FF



AD6CDE



666570



0C00B0



030030

Inverse Universe

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



DE6CD6



FF61F4



9DDE6C



70656F



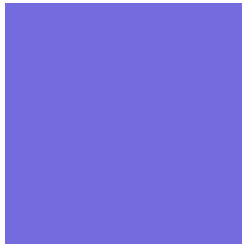
B000A4



30002D

Previews

White Background



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

Color Contrast Check

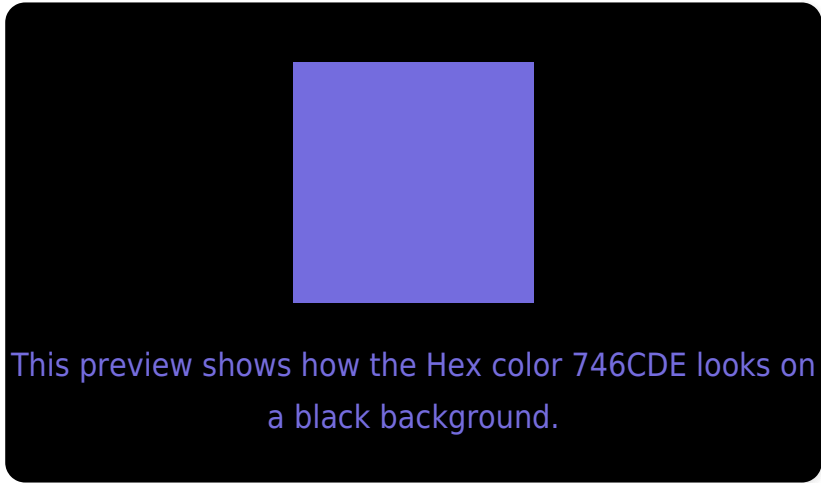
Large Text (above 18pt) WCAG AA ✓ Pass

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

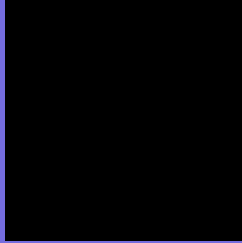
Any Text WCAG AA ✓ Pass

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 746CDE Background



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

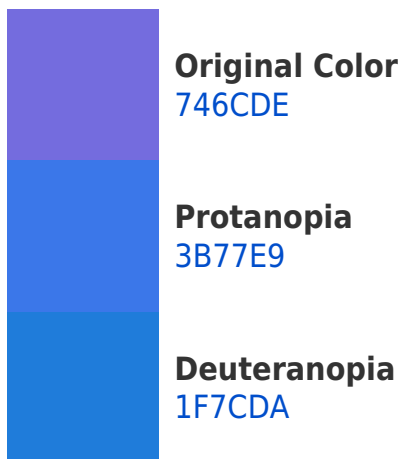


This preview shows how white text looks on a background with the Hex color 746CDE.

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](#).

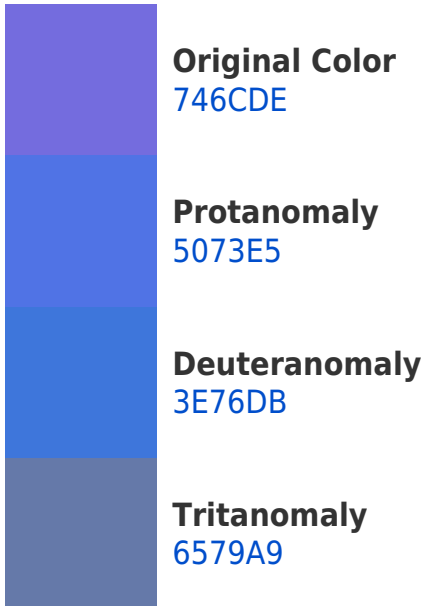
Dichromacy



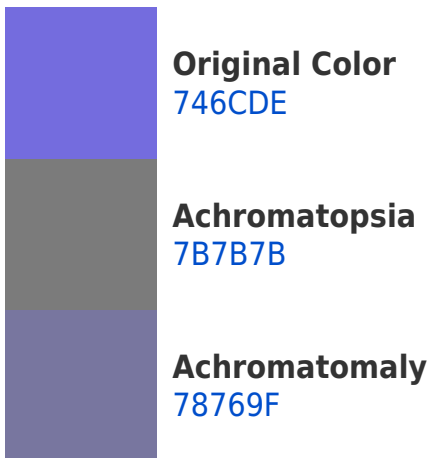


Tritanopia
5C808B

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #746CDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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