

Converting Colors

Hex(7A76CD)

Have a look what the booklet for
Hex(7A76CD) contains.

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Color

Hex(7A76CD)

Conversions

Conversions Part 1

Format	Color
Hex	7A76CD
RGB	122, 118, 205
RGB Percent	48%, 46%, 80%
CMY	0.5216, 0.5373, 0.1961
CMYK	0.40, 0.42, 0.00, 0.20
HSL	243°, 47%, 63%
HSV	243°, 42%, 80%
XYZ	25.5239, 21.5022, 60.5627
YIQ	129.1140, -25.5430, 27.9050

Conversions

Conversions Part 2

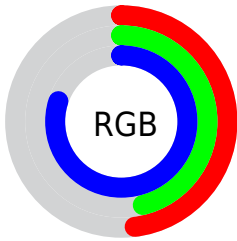
Format	Color
R_{YB}	122, 118, 205
Decimal	8025805
CIE _{Lab}	53.49, 23.04, -44.66
CIE _{LCh}	53, 50.251, 297.284
Yxy	21.5022, 0.2372, 0.1999
Android (android.graphics.Color)	4286215885 (0xFF7A76CD)
YUV	129.1140, 37.4118, -6.2390
Hunter-Lab	46.3705, 17.1042, -44.9770

Details

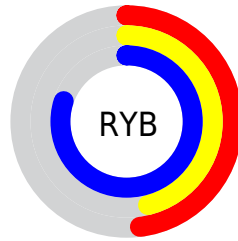
The Hex color **7A76CD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C9CD76**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B2A AFF**, and **434696** is the 20% darker color. If you saturate the color by 10%, you get **6662CD**, and if you desaturate by 10%, it is **8E8BCD**.

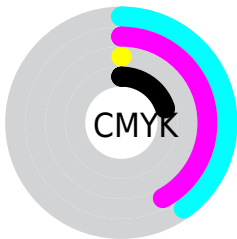
Distribution



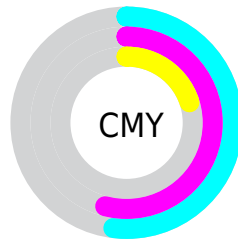
- Red (48%)
- Green (46%)
- Blue (80%)



- Red (48%)
- Yellow (46%)
- Blue (80%)



- Cyan (40%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A76CD 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 7A76CD by changing the saturation by 10% instead.

■ 7A76CD

■ 7A76CD

FFFFFF

■ 5F5DB1

■ B2AAFF

■ 434696

■ CEC5FF

■ 272F7C

■ EBE1FF

■ 001B62

FFFEFF

■ 00034A

■ 000433

■ 00021D

■ 000000

■ 7A76CD

■ 7A76CD

6662CD

8E8BCD

534DCD

A19FCD

3F39CD

B5B4CD

2C24CD

C8C8CD

1810CD

DCDDCD

0900CD

EFF1CD

FFFFCD

Harmonies

Analogous

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



0086D6



7A76CD



B164AF

Triad

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



7A76CD



BB6C37



00947A

Complementary

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



7A76CD



C9CD76

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.



35914F



7A76CD



9A7C22

Square

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



7A76CD



CD5C5B



70892D



0094A6

Rectangle

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



7A76CD



C55B94



70892D



00946B

Sweetspot

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



7A76CD



DFDEFF



76CACD



6C6B80



000000



808080

Same Dimension

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



7A76CD



837DFF



A476CD



5C5C66



0800A6



020026

Inverse Universe

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



CD76C9



FF7DF9



9FCD76



665C66



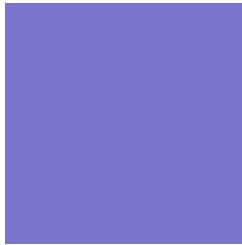
A6009E



260024

Previews

White Background



This preview shows how the Hex color 7A76CD looks on a white background.

Color Contrast Check

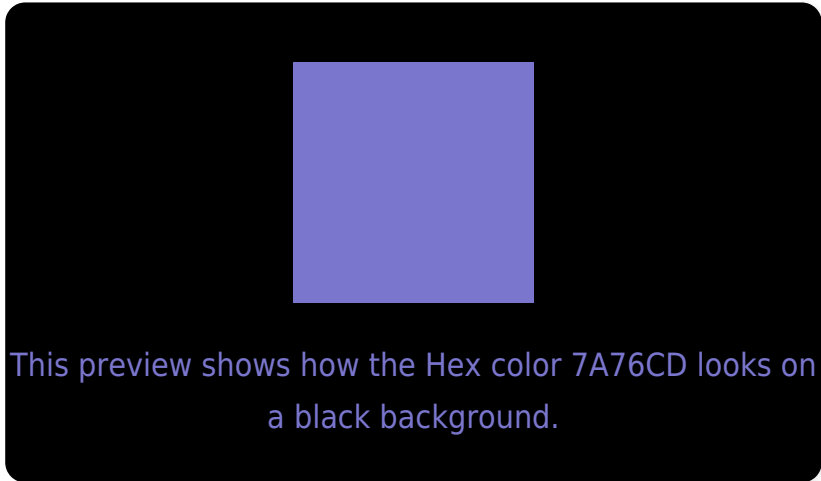
Large Text (above 18pt) WCAG AA ✓ Pass

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

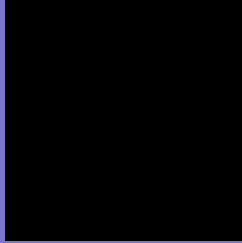
Any Text WCAG AA ✓ Pass

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 7A76CD Background



This preview shows how black text looks on a background with the Hex color 7A76CD.

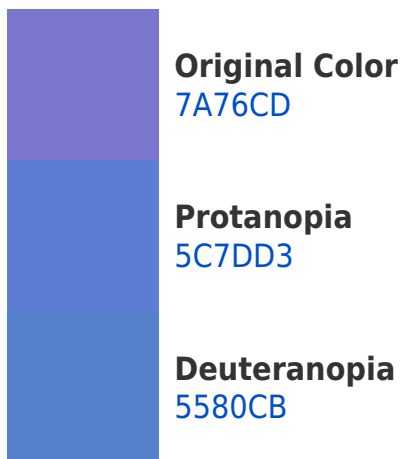


This preview shows how white text looks on a background with the Hex color 7A76CD.

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](#).

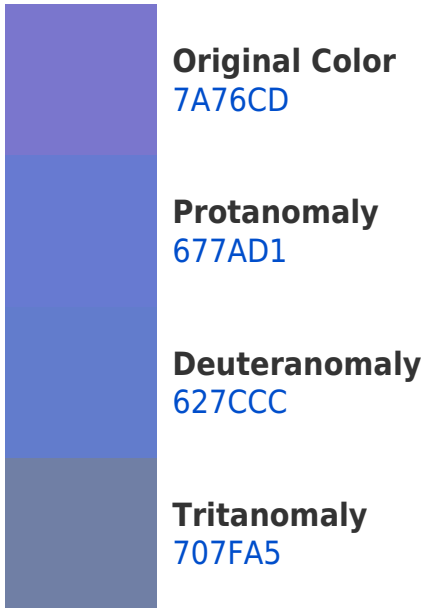
Dichromacy



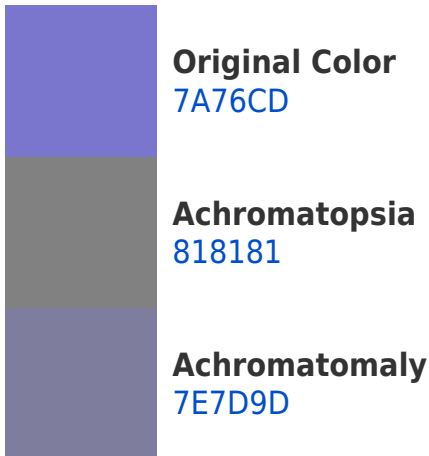


Tritanopia
6B848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A76CD 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 #7A76CD looks like.

```
.text, #text, p{  
    color:#7A76CD  
}
```

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 #7A76CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A76CD
}
```

Border

The CSS property to change the border of an element to Hex 7A76CD 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
#7A76CD }
```

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

```
.border{ border-color:#7A76CD }
```

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

Here you see how a box with a 4 pixel #7A76CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A76CD; -webkit-box-shadow:4px 4px  
4px 4px #7A76CD; box-shadow:4px 4px 4px  
4px #7A76CD }
```

Background

The CSS property to change the background color of an element to Hex 7A76CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A76CD }
```

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

```
.background{ background-color:#7A76CD }
```

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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