

Converting Colors

Hex(7A6DD4)

Have a look what the booklet for
Hex(7A6DD4) contains.

Hex(7A6DD4)	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(7A6DD4)

Conversions

Conversions Part 1

Format	Color
Hex	7A6DD4
RGB	122, 109, 212
RGB Percent	48%, 43%, 83%
CMY	0.5216, 0.5725, 0.1686
CMYK	0.42, 0.49, 0.00, 0.17
HSL	248°, 54%, 63%
HSV	248°, 49%, 83%
XYZ	25.3783, 19.8283, 64.7770
YIQ	124.6290, -25.3150, 34.7890

Conversions

Conversions Part 2

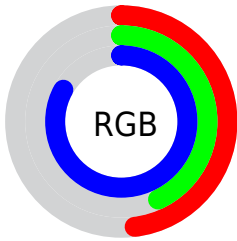
Format	Color
R_{YB}	122, 109, 212
Decimal	8023508
CIE _{Lab}	51.64, 30.40, -51.58
CIE _{LCh}	52, 59.878, 300.516
Yxy	19.8283, 0.2307, 0.1803
Android (android.graphics.Color)	4286213588 (0xFF7A6DD4)
YUV	124.6290, 43.0739, -2.3056
Hunter-Lab	44.5290, 23.8065, -55.0798

Details

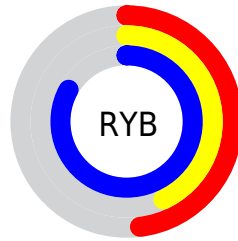
The Hex color **7A6DD4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C7D46D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B2A1FF**, and **423D9D** is the 20% darker color. If you saturate the color by 10%, you get **6758D4**, and if you desaturate by 10%, it is **8D82D4**.

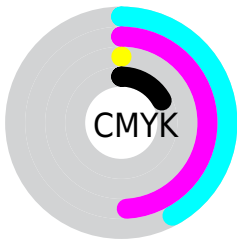
Distribution



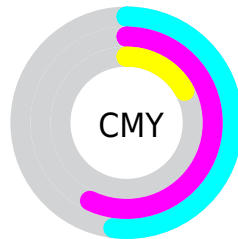
- Red (48%)
- Green (43%)
- Blue (83%)



- Red (48%)
- Yellow (43%)
- Blue (83%)



- Cyan (42%)
- Magenta (49%)
- Yellow (0%)
- Black (17%)



- Cyan (52%)
- Magenta (57%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A6DD4 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 7A6DD4 by changing the saturation by 10% instead.

■ 7A6DD4

■ 7A6DD4

FFFFFF

■ 5E55B8

■ B2A1FF

■ 423D9D

■ CFBCFF

■ 232782

■ EDD8FF

■ 001268

■ FFF4FF

■ 000050

■ 000538

■ 000221

■ 000007

■ 000000

 7A6DD4

 7A6DD4

 6758D4

 8D82D4

 5543D4

 9F97D4

 422DD4

 B2ADD4

 3018D4

 C4C2D4

 1D03D4

 D7D7D4

 1B00D4

 E9ECD4

 FCFFD4

 FFFFD4

Harmonies

Analogous

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



0081E2



7A6DD4



B955AE

Triad

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



7A6DD4



BA651D



00927A

Complementary

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



7A6DD4



C7D46D

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.



008F46



7A6DD4



937900

Square

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



7A6DD4



D24F4A



5F8713



0092AE

Rectangle

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



7A6DD4



CE498E



5F8713



009269

Sweetspot

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



7A6DD4



DED9FF



6DC8D4



6B6980



000000



808080

Same Dimension

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



7A6DD4



7E6BFF



AD6DD4



62606B



1600AB



05002B

Inverse Universe

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



D46DC7



FF6BEC



94D46D



6B606A



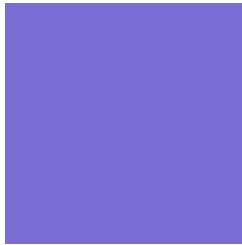
AB0095



2B0026

Previews

White Background



This preview shows how the Hex color 7A6DD4 looks on a white background.

Color Contrast Check

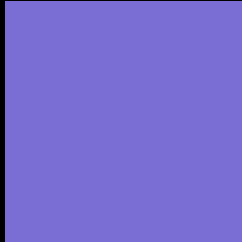
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7A6DD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

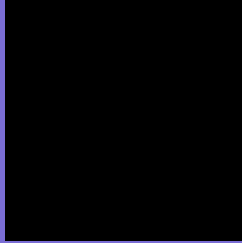
Any Text WCAG AA ✓ Pass

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 7A6DD4 Background



This preview shows how black text looks on a background with the Hex color 7A6DD4.

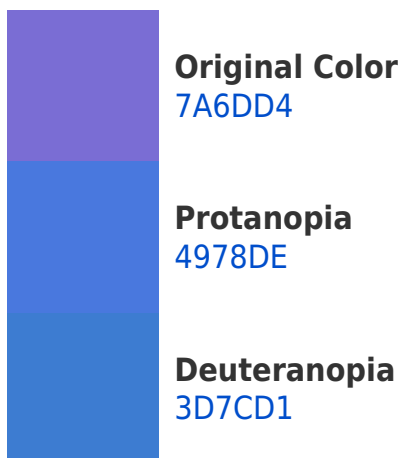


This preview shows how white text looks on a background with the Hex color 7A6DD4.

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
677F89

Trichromacy



Original Color

7A6DD4

Protanomaly

5B74DA

Deuteranomaly

5377D2

Tritanomaly

6E78A4

Monochromacy



Original Color

7A6DD4

Achromatopsia

7D7D7D

Achromatomaly

7C779D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A6DD4 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 #7A6DD4 looks like.

```
.text, #text, p{  
    color:#7A6DD4  
}
```

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 #7A6DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6DD4
}
```

Border

The CSS property to change the border of an element to Hex 7A6DD4 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
#7A6DD4 }
```

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

```
.border{ border-color:#7A6DD4 }
```

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

Here you see how a box with a 4 pixel #7A6DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6DD4; -webkit-box-shadow:4px 4px  
4px 4px #7A6DD4; box-shadow:4px 4px 4px  
4px #7A6DD4 }
```

Background

The CSS property to change the background color of an element to Hex 7A6DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6DD4 }
```

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

```
.background{ background-color:#7A6DD4 }
```

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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