

Converting Colors

Hex(7768D6)

Have a look what the booklet for
Hex(7768D6) contains.

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Color

Hex(7768D6)

Conversions

Conversions Part 1

Format	Color
Hex	7768D6
RGB	119, 104, 214
RGB Percent	47%, 41%, 84%
CMY	0.5333, 0.5922, 0.1608
CMYK	0.44, 0.51, 0.00, 0.16
HSL	248°, 57%, 62%
HSV	248°, 51%, 84%
XYZ	24.6957, 18.6776, 65.9219
YIQ	121.0250, -26.3700, 37.3900

Conversions

Conversions Part 2

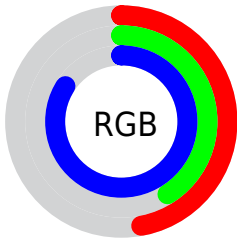
Format	Color
R _Y B	119, 104, 214
Decimal	7825622
CIE Lab	50.31, 33.24, -54.87
CIE LCh	50, 64.156, 301.210
Yxy	18.6776, 0.2260, 0.1709
Android (android.graphics.Color)	4286015702 (0xFF7768D6)
YUV	121.0250, 45.8367, -1.7759
Hunter-Lab	43.2176, 26.3688, -60.1855

Details

The Hex color **7768D6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C7D668**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B09BFF**, and **3D389E** is the 20% darker color. If you saturate the color by 10%, you get **6553D6**, and if you desaturate by 10%, it is **897DD6**.

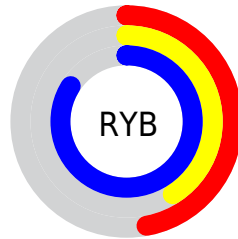
Distribution



Red (47%)

Green (41%)

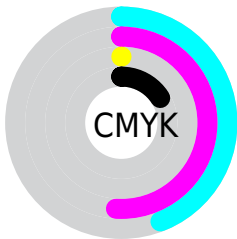
Blue (84%)



Red (47%)

Yellow (41%)

Blue (84%)

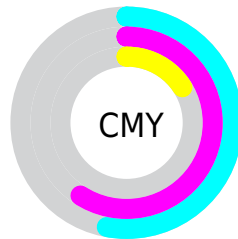


Cyan (44%)

Magenta (51%)

Yellow (0%)

Black (16%)



Cyan (53%)

Magenta (59%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7768D6 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 7768D6 by changing the saturation by 10% instead.

■ 7768D6

■ 7768D6

FFFFFF

■ 5B50BA

■ B09BFF

■ 3D389E

■ CDB6FF

■ 1B2284

■ EAD2FF

■ 000E6A

■ FFEFFF

■ 000051

■ 000539

■ 000223

■ 000009

■ 000000

7768D6

7768D6

6553D6

897DD6

523DD6

9C93D6

4028D6

AEA8D6

2D12D6

C1BED6

1D00D6

D3D3D6

E6E8D6

F8FED6

FFFFD6

Harmonies

Analogous

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



007EE6



7768D6



BA4CAD

Triad

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



7768D6



B9600C



009078

Complementary

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



7768D6



C7D668

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.



008D40



7768D6



8E7600

Square

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



7768D6



D34643



578500



0090AF

Rectangle

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



7768D6



D03D8A



578500



008F65

Sweetspot

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



7768D6



DED9FF



68C7D6



6C6980



000000



808080

Same Dimension

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



7768D6



7661FF



AE68D6



62606B



1700AB



06002B

Inverse Universe

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



D668C7



FF61E9



90D668



6B606A



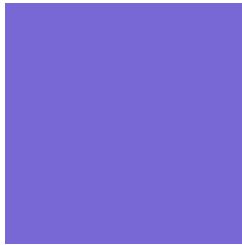
AB0094



2B0025

Previews

White Background



This preview shows how the Hex color 7768D6 looks on a white background.

Color Contrast Check

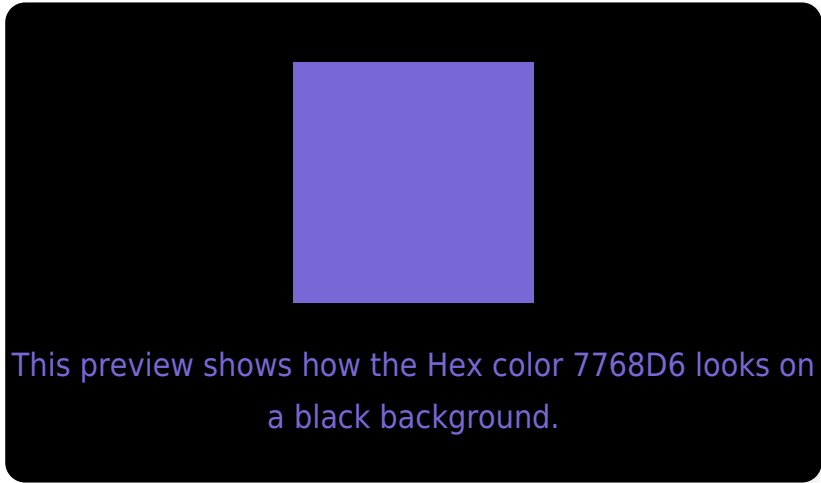
Large Text (above 18pt) WCAG AA ✓ Pass

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

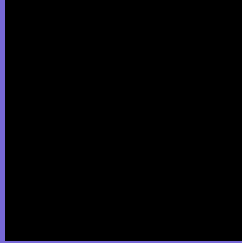
Any Text WCAG AA ✓ Pass

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 7768D6 Background



This preview shows how black text looks on a background with the Hex color 7768D6.

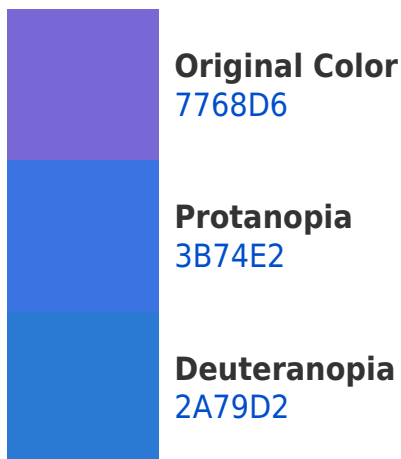



This preview shows how white text looks on a background with the Hex color 7768D6.

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
627C86

Trichromacy



Original Color
7768D6

Protanomaly
5170DE

Deuteranomaly
4673D3

Tritanomaly
6A75A3

Monochromacy



Original Color
7768D6

Achromatopsia
797979

Achromatomaly
78739B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7768D6 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 #7768D6 looks like.

```
.text, #text, p{  
  color:#7768D6  
}
```

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 #7768D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7768D6
}
```

Border

The CSS property to change the border of an element to Hex 7768D6 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
#7768D6 }
```

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

```
.border{ border-color:#7768D6 }
```

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

Here you see how a box with a 4 pixel #7768D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7768D6; -webkit-box-shadow:4px 4px  
4px 4px #7768D6; box-shadow:4px 4px 4px  
4px #7768D6 }
```

Background

The CSS property to change the background color of an element to Hex 7768D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7768D6 }
```

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

```
.background{ background-color:#7768D6 }
```

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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