

Converting Colors

Hex(0767B6)

Have a look what the booklet for
Hex(0767B6) contains.

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Color

Hex(0767B6)

Conversions

Conversions Part 1

Format	Color
Hex	0767B6
RGB	7, 103, 182
RGB Percent	3%, 40%, 71%
CMY	0.9725, 0.5961, 0.2863
CMYK	0.96, 0.43, 0.00, 0.29
HSL	207°, 93%, 37%
HSV	207°, 96%, 71%
XYZ	13.3814, 13.1231, 46.0837
YIQ	83.3020, -82.5750, 4.2170

Conversions

Conversions Part 2

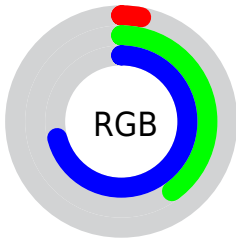
Format	Color
RYB	7, 69, 182
Decimal	485302
CIELab	42.95, 6.02, -48.53
CIElCh	43, 48.899, 277.076
Yxy	13.1231, 0.1843, 0.1808
Android (android.graphics.Color)	4278675382 (0xFF0767B6)
YUV	83.3020, 48.6581, -66.9169
Hunter-Lab	36.2258, 2.5407, -50.0662

Details

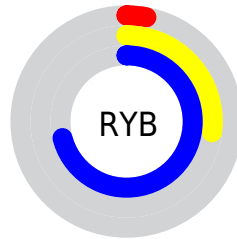
The Hex color **0767B6** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B65607**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5E9AEE**, and **003980** is the 20% darker color. If you saturate the color by 10%, you get **0064B6**, and if you desaturate by 10%, it is **196FB6**.

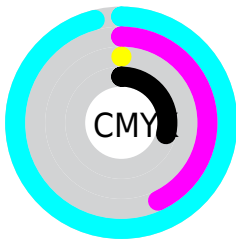
Distribution



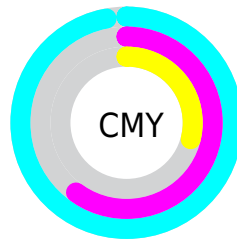
- Red (3%)
- Green (40%)
- Blue (71%)



- Red (3%)
- Yellow (27%)
- Blue (71%)



- Cyan (96%)
- Magenta (43%)
- Yellow (0%)
- Black (29%)



- Cyan (97%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0767B6 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 0767B6 by changing the saturation by 10% instead.

0767B6

0767B6

FFFFFF

004F9B

5E9AEE

003980

7DB4FF

002467

9BD0FF

000F4E

B8ECFF

000537

D6FFFF

000220

F5FFFF

000005

000000

0767B6

0767B6

0064B6

196FB6

2B77B6

3E80B6

5088B6

6290B6

7498B6

86A1B6

99A9B6

ABB1B6

Harmonies

Analogous

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



0072B0



0767B6



7356A6

Triad

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



0767B6



A84737



007644

Complementary

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



0767B6



B65607

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.



46711F



0767B6



925816

Square

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



0767B6



AE3D5E



716704



00786E

Rectangle

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



0767B6



924A92



716704



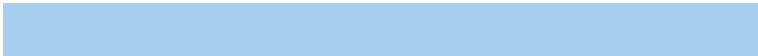
167537

Sweetspot

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



0767B6



A8CEED



07B656



4E6578



F7F7F7



787878

Same Dimension

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



0767B6



0082ED



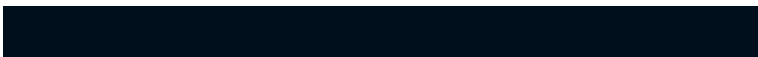
0710B6



53585C



00559C



000F1C

Inverse Universe

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



B60767



ED0082



B6AD07



5C5358



9C0055



1C000F

Previews

White Background



This preview shows how the Hex color 0767B6 looks on a white background.

Color Contrast Check

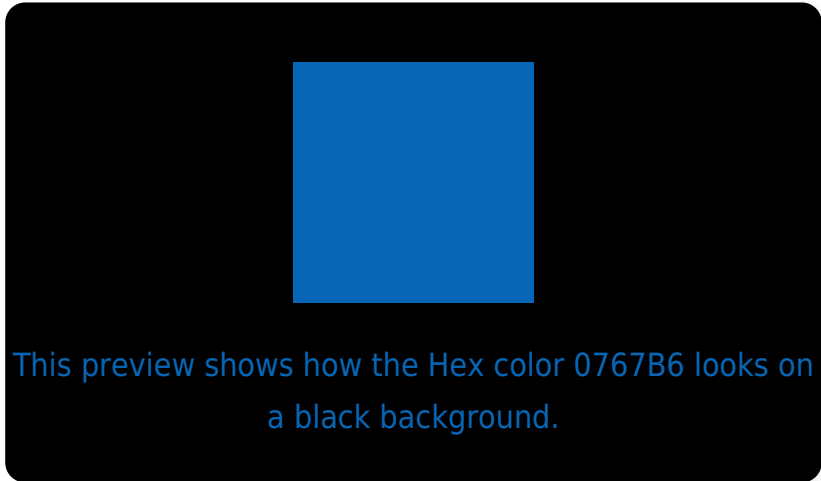
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

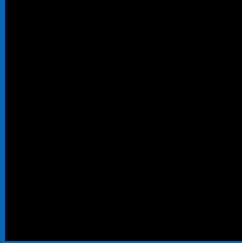
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0767B6 Background



This preview shows how black text looks on a background with the Hex color 0767B6.



This preview shows how white text looks on a background with the Hex color 0767B6.

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](#).

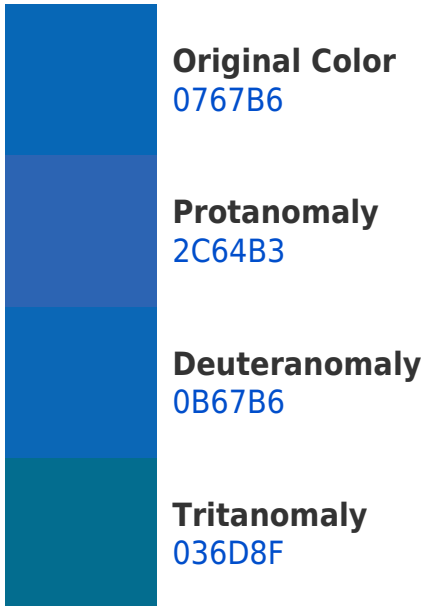
Dichromacy





Tritanopia
007078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0767B6 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 #0767B6 looks like.

```
.text, #text, p{  
    color:#0767B6  
}
```

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 #0767B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0767B6
}
```

Border

The CSS property to change the border of an element to Hex 0767B6 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
#0767B6 }
```

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

```
.border{ border-color:#0767B6 }
```

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

Here you see how a box with a 4 pixel #0767B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0767B6; -webkit-box-shadow:4px 4px  
4px 4px #0767B6; box-shadow:4px 4px 4px  
4px #0767B6 }
```

Background

The CSS property to change the background color of an element to Hex 0767B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0767B6 }
```

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

```
.background{ background-color:#0767B6 }
```

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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