

Converting Colors

Hex(6764B0)

Have a look what the booklet for
Hex(6764B0) contains.

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Color

Hex(6764B0)

Conversions

Conversions Part 1

Format	Color
Hex	6764B0
RGB	103, 100, 176
RGB Percent	40%, 39%, 69%
CMY	0.5961, 0.6078, 0.3098
CMYK	0.41, 0.43, 0.00, 0.31
HSL	242°, 32%, 54%
HSV	242°, 43%, 69%
XYZ	17.9872, 15.1325, 43.0471
YIQ	109.5610, -22.6080, 24.2720

Conversions

Conversions Part 2

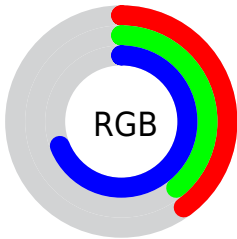
Format	Color
R _Y B	103, 100, 176
Decimal	6775984
CIE Lab	45.82, 20.62, -40.21
CIE LCh	46, 45.189, 297.148
Yxy	15.1325, 0.2362, 0.1987
Android (android.graphics.Color)	4284966064 (0xFF6764B0)
YUV	109.5610, 32.7544, -5.7540
Hunter-Lab	38.9005, 14.4605, -38.3797

Details

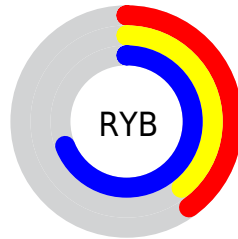
The Hex color **6764B0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ADB064**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9D97E8**, and **32357B** is the 20% darker color. If you saturate the color by 10%, you get **5652B0**, and if you desaturate by 10%, it is **7876B0**.

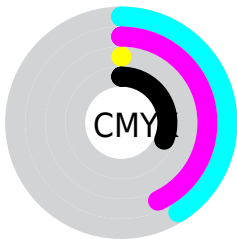
Distribution



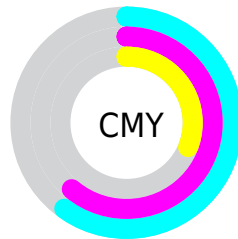
- Red (40%)
- Green (39%)
- Blue (69%)



- Red (40%)
- Yellow (39%)
- Blue (69%)



- Cyan (41%)
- Magenta (43%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6764B0 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 6764B0 by changing the saturation by 10% instead.

■ 6764B0

■ 6764B0

FFFFFF

■ 4C4C95

■ 9D97E8

■ 32357B

■ B9B2FF

■ 132062

■ D6CDFF

■ 000C49

■ F3E9FF

■ 000232

■ 00021C

■ 000000

■ 6764B0

■ 6764B0

■ 5652B0

■ 7876B0

■ 4541B0

■ 8987B0

■ 342FB0

■ 9A99B0

■ 231EB0

■ ABAAB0

■ 120CB0

■ BCBCB0

■ 0700B0

■ CCCEB0

■ DDDFB0

■ EEF1B0

■ FFFFB0

Harmonies

Analogous

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



0072B8



6764B0



975496

Triad

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



6764B0



A05B2D



007E68

Complementary

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



6764B0



ADB064

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.



2B7B42



6764B0



84691B

Square

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



6764B0



B04D4C



5F7424



007E8E

Rectangle

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



6764B0



A94C7E



5F7424



007E5A

Sweetspot

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



6764B0



C9C8E6



64ADB0



616073



F2F2F2



737373

Same Dimension

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



6764B0



736EE6



8D64B0



515059



060099



01001A

Inverse Universe

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



B064AD



E66EE1



87B064



595059



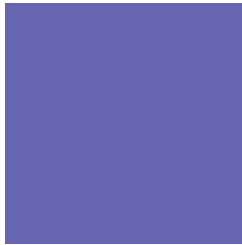
990093



1A0018

Previews

White Background



This preview shows how the Hex color 6764B0 looks on a white background.

Color Contrast Check

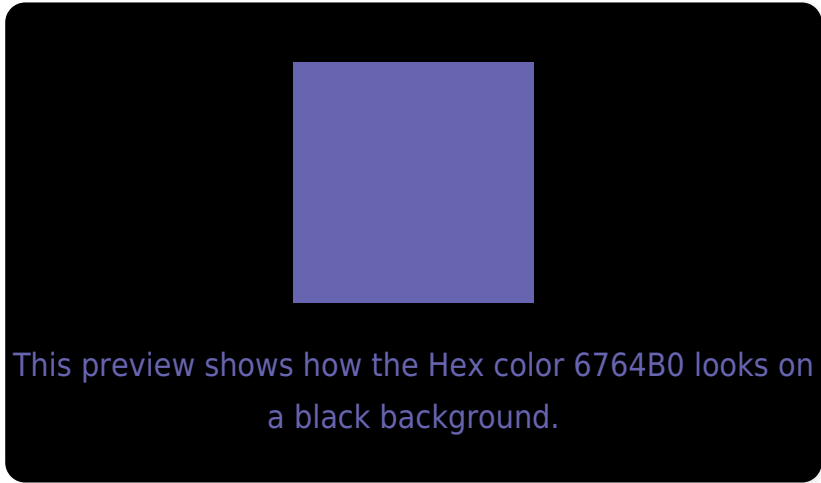
Large Text (above 18pt) WCAG AA ✓ Pass

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 6764B0 Background



This preview shows how black text looks on a background with the Hex color 6764B0.

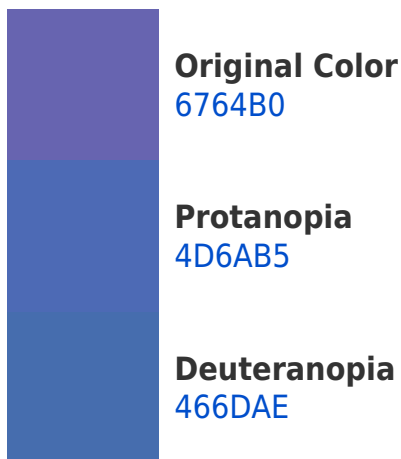


This preview shows how white text looks on a background with the Hex color 6764B0.

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](#).

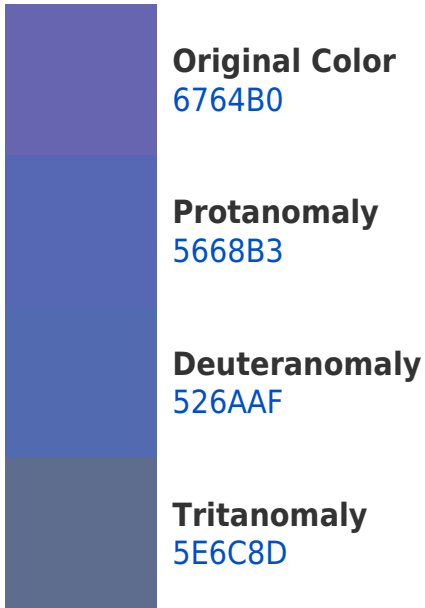
Dichromacy





Tritanopia
597079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6764B0 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 #6764B0 looks like.

```
.text, #text, p{  
    color:#6764B0  
}
```

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 #6764B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6764B0
}
```

Border

The CSS property to change the border of an element to Hex 6764B0 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
#6764B0 }
```

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

```
.border{ border-color:#6764B0 }
```

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

Here you see how a box with a 4 pixel #6764B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6764B0; -webkit-box-shadow:4px 4px  
4px 4px #6764B0; box-shadow:4px 4px 4px  
4px #6764B0 }
```

Background

The CSS property to change the background color of an element to Hex 6764B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6764B0 }
```

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

```
.background{ background-color:#6764B0 }
```

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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