

# Converting Colors

Hex(6865BB)

Have a look what the booklet for  
Hex(6865BB) contains.

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# Color

**Hex(6865BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6865BB
RGB	104, 101, 187
RGB Percent	41%, 40%, 73%
CMY	0.5922, 0.6039, 0.2667
CMYK	0.44, 0.46, 0.00, 0.27
HSL	242°, 39%, 56%
HSV	242°, 46%, 73%
XYZ	19.3322, 15.8383, 49.0519
YIQ	111.7010, -25.8180, 27.3820

# Conversions

## Conversions Part 2

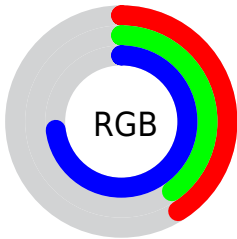
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 101, 187</a>
Decimal	<a href="#">6841787</a>
<a href="#">CIELab</a>	<a href="#">46.76, 23.52, -45.11</a>
<a href="#">CIELCh</a>	<a href="#">47, 50.874, 297.541</a>
<a href="#">Yxy</a>	<a href="#">15.8383, 0.2295, 0.1881</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285031867 (0xFF6865BB)</a>
<a href="#">YUV</a>	<a href="#">111.7010, 37.1224, -6.7538</a>
<a href="#">Hunter-Lab</a>	<a href="#">39.7973, 17.0641, -45.2193</a>

# Details

The Hex color **6865BB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B8BB65**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9F98F4**, and **313685** is the 20% darker color. If you saturate the color by 10%, you get **5652BB**, and if you desaturate by 10%, it is **7A78BB**.

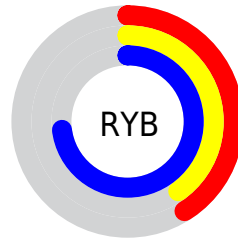
# Distribution



Red (41%)

Green (40%)

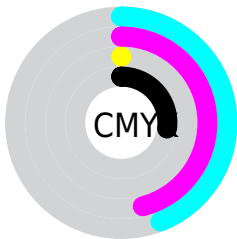
Blue (73%)



Red (41%)

Yellow (40%)

Blue (73%)

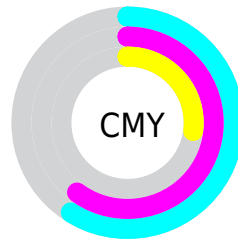


Cyan (44%)

Magenta (46%)

Yellow (0%)

Black (27%)



Cyan (59%)

Magenta (60%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6865BB 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 6865BB by changing the saturation by 10% instead.



■ 6865BB

■ 6865BB

FFFFFF

■ 4D4DA0

■ 9F98F4

■ 313685

■ BBB3FF

■ 0E216B

■ D8CEFF

■ 000D53

■ F5EAFB

■ 00003B

■ 000224

■ 00000C

■ 000000

■ 6865BB

■ 6865BB

■ 5652BB

■ 7A78BB

■ 4440BB

■ 8C8ABB

■ 322DBB

■ 9E9DBB

■ 201ABB

■ B0B0BB

■ 0E07BB

■ C2C3BB

■ 0700BB

■ D4D5BB

■ E6E8BB

■ F8FBBB

■ FFFFBB

# Harmonies

## Analogous

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



0075C4



6865BB



9F529D

# Triad

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



6865BB



A75B25



00836A

# Complementary

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



6865BB



B8BB65

# 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.



1B7F3E



6865BB



876C0B

# Square

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



6865BB



BA4A4A



5E781A



008395

# Rectangle

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



6865BB



B34883



5E781A



00825B



# Sweetspot

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



6865BB



D2D0F2



65B8BB



66667A



FAFAFA



7A7A7A



# Same Dimension

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



6865BB



726DF2



9365BB



55555E



06009E



01001F



# Inverse Universe

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



BB65B8



F26DEE



8DBB65



5E555E



9E0099

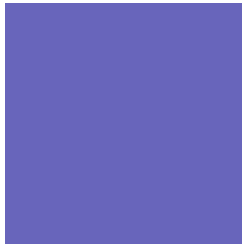


1F001E



# Previews

## White Background



This preview shows how the Hex color 6865BB 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



This preview shows how the Hex color 6865BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

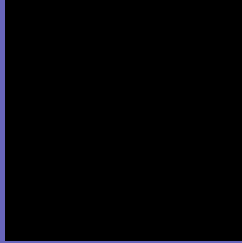
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6865BB Background



This preview shows how black text looks on a background with the Hex color 6865BB.

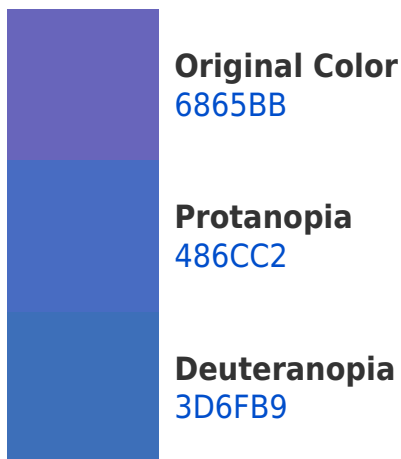


This preview shows how white text looks on a background with the Hex color 6865BB.

# 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](#).

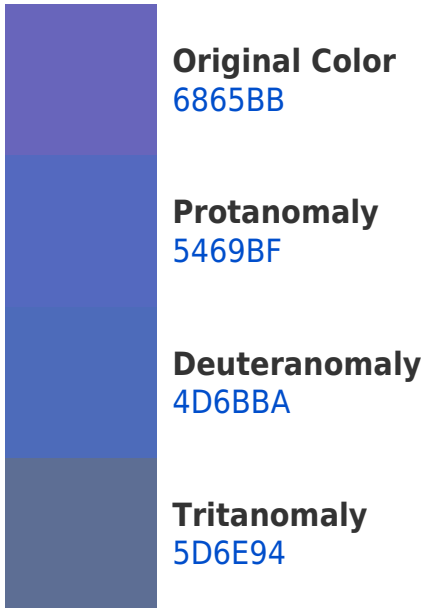
## Dichromacy



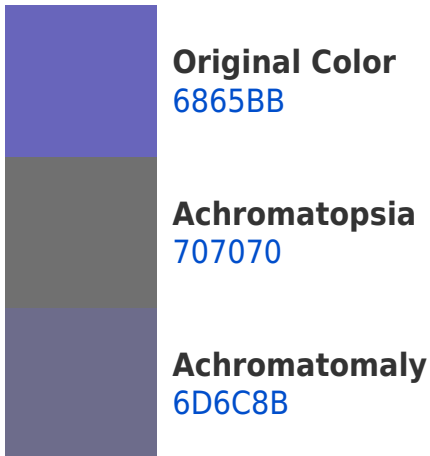


**Tritanopia**  
57737D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6865BB 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 #6865BB looks like.

```
.text, #text, p{  
    color:#6865BB  
}
```

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 #6865BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6865BB
}
```

## Border

The CSS property to change the border of an element to Hex 6865BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

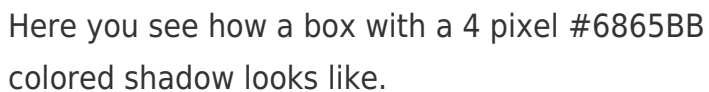
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6865BB }
```

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

```
.border{ border-color:#6865BB }
```

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



Here you see how a box with a 4 pixel #6865BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6865BB; -webkit-box-shadow:4px 4px  
4px 4px #6865BB; box-shadow:4px 4px 4px  
4px #6865BB }
```

# Background

The CSS property to change the background color of an element to Hex 6865BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6865BB }
```

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

```
.background{ background-color:#6865BB }
```

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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