

# Converting Colors

Hex(6B48C5)

Have a look what the booklet for  
Hex(6B48C5) contains.

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# Color

**Hex(6B48C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B48C5
RGB	107, 72, 197
RGB Percent	42%, 28%, 77%
CMY	0.5804, 0.7176, 0.2275
CMYK	0.46, 0.63, 0.00, 0.23
HSL	257°, 52%, 53%
HSV	257°, 63%, 77%
XYZ	18.4588, 11.7917, 54.1265
YIQ	96.7150, -19.2650, 46.2950

# Conversions

## Conversions Part 2

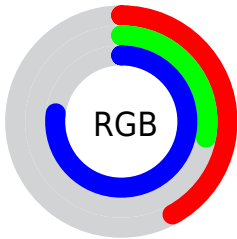
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 72, 197
Decimal	7030981
CIE <sub>Lab</sub>	40.88, 44.36, -60.36
CIE <sub>LCh</sub>	41, 74.909, 306.317
Yxy	11.7917, 0.2188, 0.1398
Android (android.graphics.Color)	4285221061 (0xFF6B48C5)
<b>YUV</b>	96.7150, 49.4405, 9.0199
Hunter-Lab	34.3391, 35.8583, -69.4175

# Details

The Hex color **6B48C5** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **A2C548**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A47AFF**, and **2F188E** is the 20% darker color. If you saturate the color by 10%, you get **5D34C5**, and if you desaturate by 10%, it is **795CC5**.

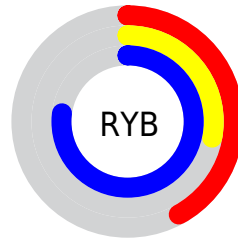
# Distribution



Red (42%)

Green (28%)

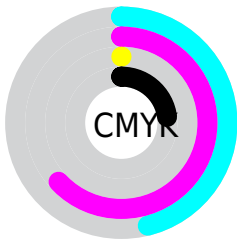
Blue (77%)



Red (42%)

Yellow (28%)

Blue (77%)

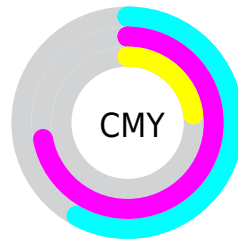


Cyan (46%)

Magenta (63%)

Yellow (0%)

Black (23%)



Cyan (58%)

Magenta (72%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B48C5 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 6B48C5 by changing the saturation by 10% instead.



■ 6B48C5

■ 6B48C5

FFFFFF

■ 4E30A9

■ A47AFF

■ 2F188E

■ C195FF

■ 000074

■ DFB0FF

■ 00005B

■ FDCCFF

■ 000342

■ FFE8FF

■ 00032B

■ 000115

■ 000000

■ 6B48C5

■ 6B48C5

5D34C5

795CC5

4F21C5

876FC5

400DC5

9683C5

3700C5

A497C5

B2ABC5

C0BEC5

CED2C5

DCE6C5

EBF9C5

# Harmonies

## Analogous

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



0065DD



6B48C5



B11193

# Triad

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



6B48C5



9C4A00



00796C

# Complementary

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



6B48C5



A2C548

# 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.



00762A



6B48C5



6B6200

# Square

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



6B48C5



BD1C1A



207000



0079A9

# Rectangle

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



6B48C5



C4006B



207000



007857



# Sweetspot

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



6B48C5



DCCFFB



48A4C5



6A6280



000000



808080



# Same Dimension

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



6B48C5



733DFF



A848C5



5C5A63



2E00A3



0A0024



# Inverse Universe

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



C548A2



FF3DC9



65C548



635A61



A30076

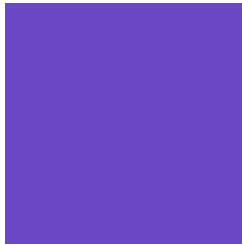


24001A



# Previews

## White Background



This preview shows how the Hex color 6B48C5 looks on a white background.

## Color Contrast Check

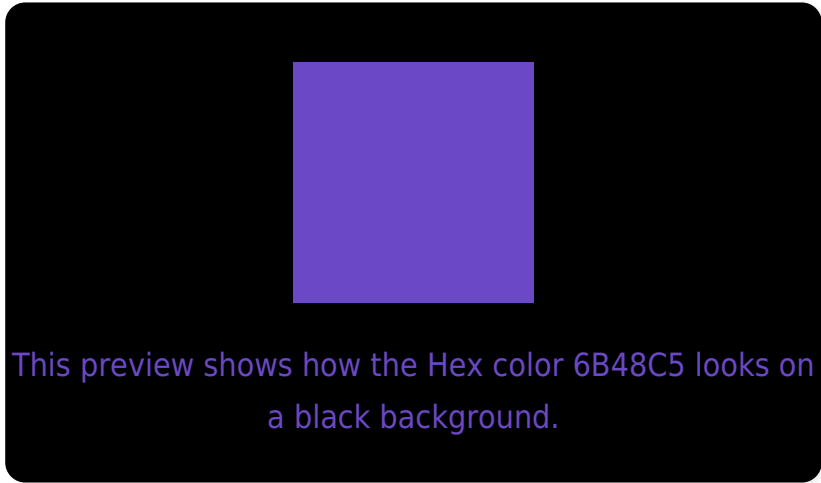
Large Text (above 18pt) WCAG AA ✓ Pass

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

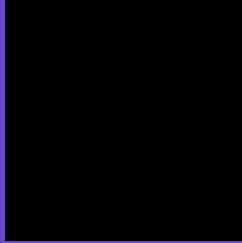
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B48C5 Background



This preview shows how black text looks on a background with the Hex color 6B48C5.

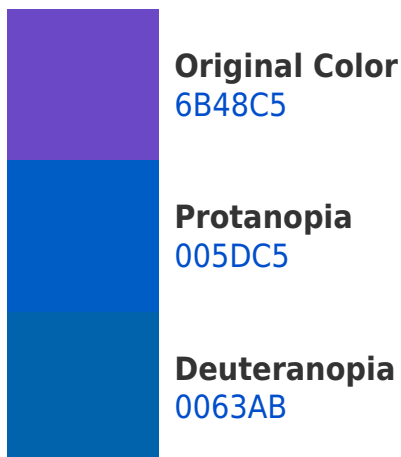


This preview shows how white text looks on a background with the Hex color 6B48C5.

# 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](#).

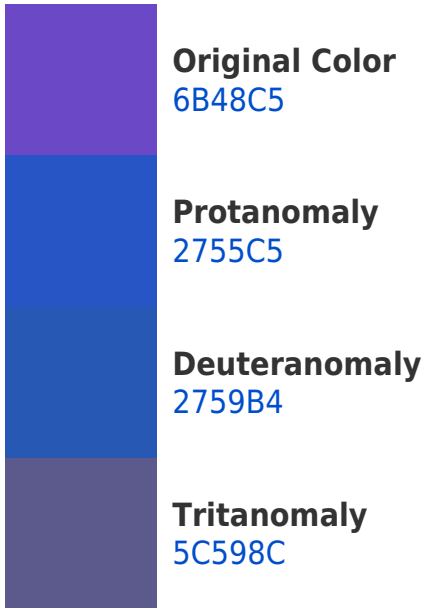
## Dichromacy





**Tritanopia**  
53636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B48C5 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 #6B48C5 looks like.

```
.text, #text, p{  
    color:#6B48C5  
}
```

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 #6B48C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B48C5
}
```

## Border

The CSS property to change the border of an element to Hex 6B48C5 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
#6B48C5 }
```

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

```
.border{ border-color:#6B48C5 }
```

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

Here you see how a box with a 4 pixel #6B48C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B48C5; -webkit-box-shadow:4px 4px  
4px 4px #6B48C5; box-shadow:4px 4px 4px  
4px #6B48C5 }
```

# Background

The CSS property to change the background color of an element to Hex 6B48C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B48C5 }
```

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

```
.background{ background-color:#6B48C5 }
```

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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