

# Converting Colors

Hex(6868C2)

Have a look what the booklet for  
Hex(6868C2) contains.

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# Color

Hex(6868C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	6868C2
RGB	104, 104, 194
RGB Percent	41%, 41%, 76%
CMY	0.5922, 0.5922, 0.2392
CMYK	0.46, 0.46, 0.00, 0.24
HSL	240°, 42%, 58%
HSV	240°, 46%, 76%
XYZ	20.3968, 16.7387, 53.1948
YIQ	114.2600, -28.8900, 27.9900

# Conversions

## Conversions Part 2

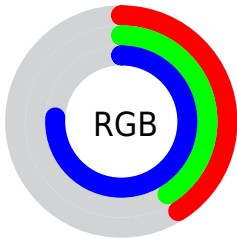
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 104, 194</a>
Decimal	<a href="#">6842562</a>
<a href="#">CIELab</a>	<a href="#">47.93, 23.79, -47.30</a>
<a href="#">CIElCh</a>	<a href="#">48, 52.944, 296.705</a>
<a href="#">Yxy</a>	<a href="#">16.7387, 0.2258, 0.1853</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285032642 (0xFF6868C2)</a>
<a href="#">YUV</a>	<a href="#">114.2600, 39.3118, -8.9980</a>
<a href="#">Hunter-Lab</a>	<a href="#">40.9130, 17.3920, -48.4494</a>

# Details

The Hex color **6868C2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C2C268**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A09BFB**, and **2F398C** is the 20% darker color. If you saturate the color by 10%, you get **5555C2**, and if you desaturate by 10%, it is **7B7BC2**.

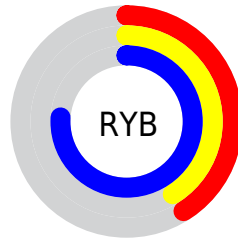
# Distribution



Red (41%)

Green (41%)

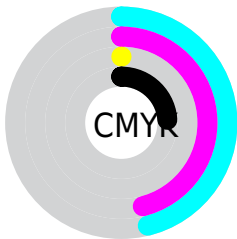
Blue (76%)



Red (41%)

Yellow (41%)

Blue (76%)

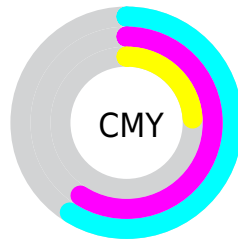


Cyan (46%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (59%)

Magenta (59%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6868C2 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 6868C2 by changing the saturation by 10% instead.



■ 6868C2

■ 6868C2

FFFFFF

■ 4C50A6

■ A09BFB

■ 2F398C

■ BCB6FF

■ 082472

■ D9D2FF

■ 001059

■ F6EEFF

■ 000041

■ 00032A

■ 000114

■ 000000

■ 6868C2

■ 6868C2

■ 5555C2

■ 7B7BC2

■ 4141C2

■ 8F8FC2

■ 2E2EC2

■ A2A2C2

■ 1A1AC2

■ B6B6C2

■ 0707C2

■ C9C9C2

■ 0000C2

■ DCDCC2

■ F0F0C2

■ FFFFC2

# Harmonies

## Analogous

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



0078CB



6868C2



A354A3

# Triad

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



6868C2



AD5C26



00866B

# Complementary

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



6868C2



C2C268

# 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.



1C833E



6868C2



8C6E07

# Square

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



6868C2



C04B4C



617B17



008699

# Rectangle

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



6868C2



B84988



617B17



00865C



# Sweetspot

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



6868C2



D9D9FC



68C2C2



6A6A80



000000



808080



# Same Dimension

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



6868C2



6F6FFC



9568C2



575761



0000A1



000021



# Inverse Universe

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



C268C2



FC6FFC



95C268



615761



A100A1

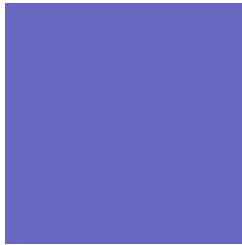


210021



# Previews

## White Background



This preview shows how the Hex color 6868C2 looks on a white background.

## Color Contrast Check

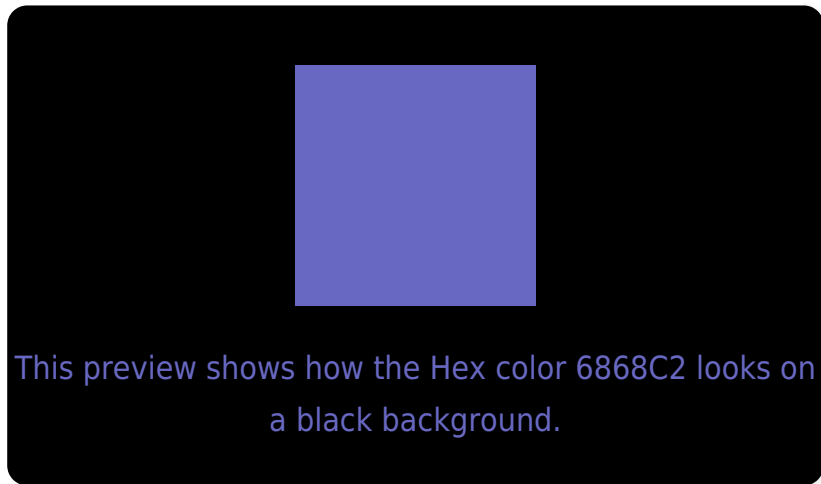
Large Text (above 18pt) WCAG AA ✓ Pass

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

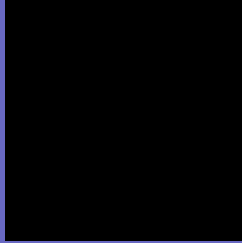
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6868C2 Background



This preview shows how black text looks on a background with the Hex color 6868C2.



This preview shows how white text looks on a background with the Hex color 6868C2.

# 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](#).

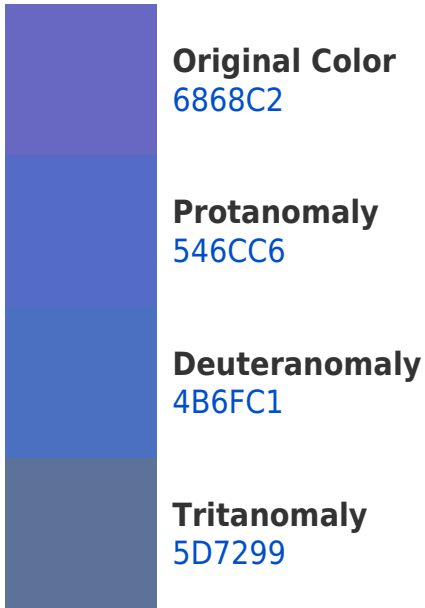
## Dichromacy





**Tritanopia**  
567781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6868C2 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 #6868C2 looks like.

```
.text, #text, p{  
    color:#6868C2  
}
```

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 #6868C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6868C2
}
```

## Border

The CSS property to change the border of an element to Hex 6868C2 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
#6868C2 }
```

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

```
.border{ border-color:#6868C2 }
```

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

Here you see how a box with a 4 pixel #6868C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6868C2; -webkit-box-shadow:4px 4px  
4px 4px #6868C2; box-shadow:4px 4px 4px  
4px #6868C2 }
```

# Background

The CSS property to change the background color of an element to Hex 6868C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6868C2 }
```

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

```
.background{ background-color:#6868C2 }
```

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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