

# Converting Colors

Hex(6D8FAD)

Have a look what the booklet for  
Hex(6D8FAD) contains.

<b>Hex(6D8FAD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6D8FAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8FAD
RGB	109, 143, 173
RGB Percent	43%, 56%, 68%
CMY	0.5725, 0.4392, 0.3216
CMYK	0.37, 0.17, 0.00, 0.32
HSL	208°, 28%, 55%
HSV	208°, 37%, 68%
XYZ	23.6720, 25.9133, 43.2893
YIQ	136.2540, -29.8940, 2.1220

# Conversions

## Conversions Part 2

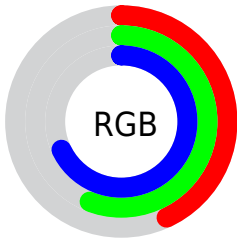
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 131, 173
Decimal	7180205
CIELab	57.95, -4.19, -19.56
CIELCh	58, 19.998, 257.915
Yxy	25.9133, 0.2549, 0.2790
Android (android.graphics.Color)	4285370285 (0xFF6D8FAD)
YUV	136.2540, 18.1158, -23.9018
Hunter-Lab	50.9051, -6.0775, -14.7862

# Details

The Hex color **6D8FAD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD8B6D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A2C5E4**, and **3A5D79** is the 20% darker color. If you saturate the color by 10%, you get **5C87AD**, and if you desaturate by 10%, it is **7E97AD**.

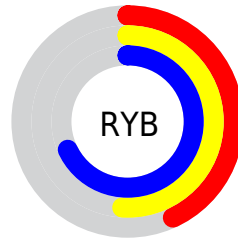
# Distribution



Red (43%)

Green (56%)

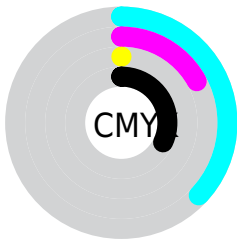
Blue (68%)



Red (43%)

Yellow (51%)

Blue (68%)

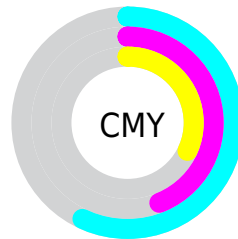


Cyan (37%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (57%)

Magenta (44%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8FAD 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 6D8FAD by changing the saturation by 10% instead.



■ 6D8FAD

■ 6D8FAD

FFFFFF

■ 537592

■ A2C5E4

■ 3A5D79

■ BEE1FF

■ 204560

■ DAFDFF

■ 002F48

■ F7FFFF

■ 001B31

■ 00021C

■ 000000

■ 6D8FAD

■ 6D8FAD

■ 5C87AD

■ 7E97AD

■ 4A7FAD

■ 909FAD

■ 3977AD

■ A1A7AD

■ 286FAD

■ B2AFAD

■ 1766AD

■ C4B8AD

■ 055EAD

■ D5C0AD

■ 005CAD

■ E6C8AD

■ F7D0AD

■ FFD8AD

# Harmonies

## Analogous

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



5C93A5



6D8FAD



8589AC

# Triad

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



6D8FAD



AF7F81



799273

# Complementary

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



6D8FAD



AD8B6D

# 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.



8D8D6A



6D8FAD



AB8272

# Square

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



6D8FAD



AA7F93



9F8869



679583

# Rectangle

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



6D8FAD



9485A7



9F8869



80916F



# Sweetspot

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



6D8FAD



C8D5E0



6DAD8B



626970



F0F0F0



707070



# Same Dimension

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



6D8FAD



7EB2E0



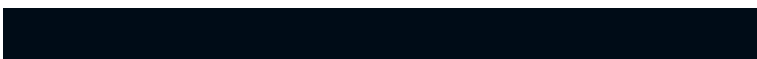
6D6FAD



4E5357



005096



000C17



# Inverse Universe

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



AD6D8F



E07EB2



ADAB6D



574E53



960050

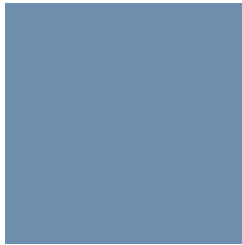


17000C



# Previews

## White Background



This preview shows how the Hex color 6D8FAD looks on a white background.

## Color Contrast Check

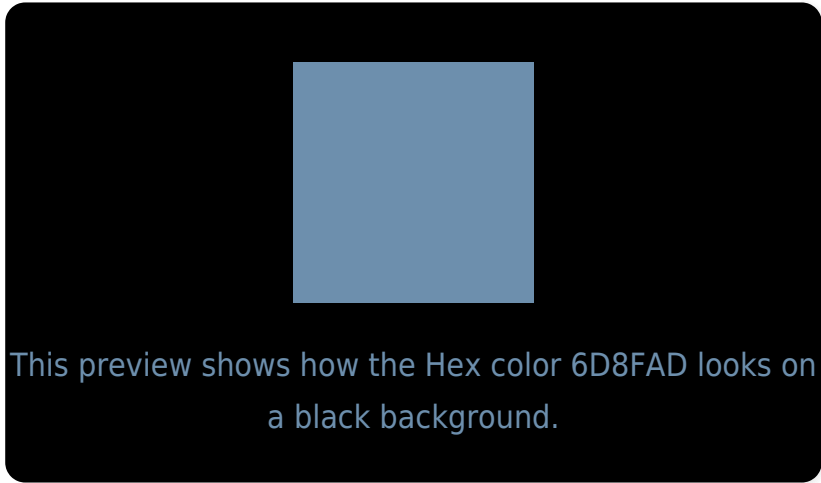
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

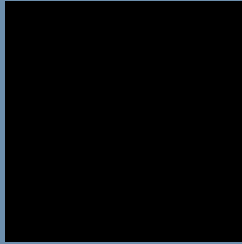
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

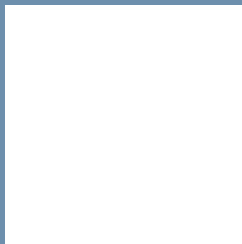
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D8FAD Background



This preview shows how black text looks on a background with the Hex color 6D8FAD.

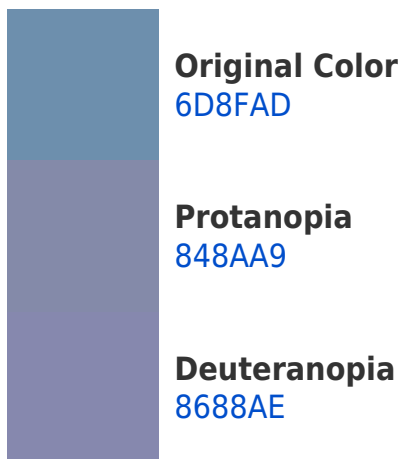



This preview shows how white text looks on a background with the Hex color 6D8FAD.

# 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](#).

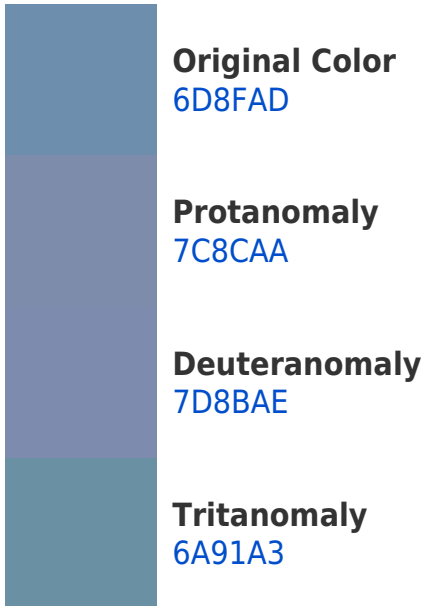
## Dichromacy





**Tritanopia**  
69929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8FAD 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 #6D8FAD looks like.

```
.text, #text, p{  
    color:#6D8FAD  
}
```

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 #6D8FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8FAD
}
```

## Border

The CSS property to change the border of an element to Hex 6D8FAD 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
#6D8FAD }
```

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

```
.border{ border-color:#6D8FAD }
```

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

Here you see how a box with a 4 pixel #6D8FAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8FAD; -webkit-box-shadow:4px 4px  
4px 4px #6D8FAD; box-shadow:4px 4px 4px  
4px #6D8FAD }
```

# Background

The CSS property to change the background color of an element to Hex 6D8FAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8FAD }
```

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

```
.background{ background-color:#6D8FAD }
```

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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