

# Converting Colors

Hex(6F66B5)

Have a look what the booklet for  
Hex(6F66B5) contains.

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# Color

**Hex(6F66B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F66B5
RGB	111, 102, 181
RGB Percent	44%, 40%, 71%
CMY	0.5647, 0.6000, 0.2902
CMYK	0.39, 0.44, 0.00, 0.29
HSL	247°, 35%, 55%
HSV	247°, 44%, 71%
XYZ	19.6474, 16.2184, 45.8110
YIQ	113.6970, -19.9950, 26.4770

# Conversions

## Conversions Part 2

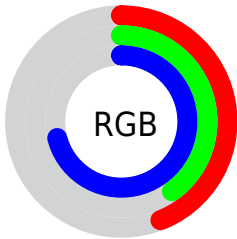
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 102, 181
Decimal	7300789
CIE <sub>Lab</sub>	47.26, 22.97, -40.80
CIE <sub>LCh</sub>	47, 46.816, 299.377
Yxy	16.2184, 0.2406, 0.1986
Android (android.graphics.Color)	4285490869 (0xFF6F66B5)
YUV	113.6970, 33.1804, -2.3653
Hunter-Lab	40.2721, 16.6079, -39.2540

# Details

The Hex color **6F66B5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ACB566**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A599ED**, and **3A3780** is the 20% darker color. If you saturate the color by 10%, you get **5F54B5**, and if you desaturate by 10%, it is **7F78B5**.

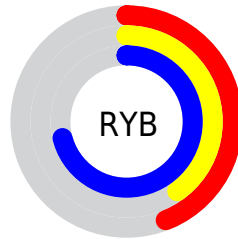
# Distribution



Red (44%)

Green (40%)

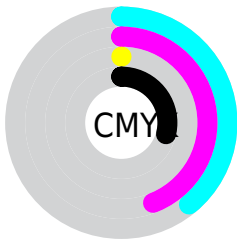
Blue (71%)



Red (44%)

Yellow (40%)

Blue (71%)

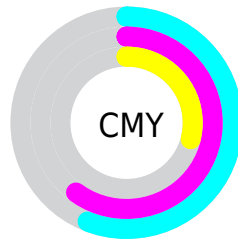


Cyan (39%)

Magenta (44%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (60%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F66B5 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 6F66B5 by changing the saturation by 10% instead.





6F66B5



6F66B5

FFFFFF



554E9A



A599ED



3A3780



C1B4FF



1E2266



DECFFF



000E4E



FBECFF



000036



000220



000004



000000



6F66B5



6F66B5

■ 5F54B5

■ 7F78B5

■ 4F42B5

■ 8F8AB5

■ 3F30B5

■ 9F9CB5

■ 2F1EB5

■ AFAEB5

■ 1F0BB5

■ BFC1B5

■ 1500B5

■ CFD3B5

■ DFE5B5

■ EFF7B5

■ FFFFB5

# Harmonies

## Analogous

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



0075BF



6F66B5



9F5599

# Triad

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



6F66B5



A45F2C



00836E

# Complementary

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



6F66B5



ACB566

# 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.



248046



6F66B5



866E1A

# Square

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



6F66B5



B6504C



5E7926



008396

# Rectangle

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



6F66B5



B14D80



5E7926



008260



# Sweetspot

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



6F66B5



D0CCEB



66ADB5



656375



F5F5F5



757575



# Same Dimension

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



6F66B5



7F71EB



9566B5



515059



110099



03001A



# Inverse Universe

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



B566AC



EB71DD



86B566



595058



990088

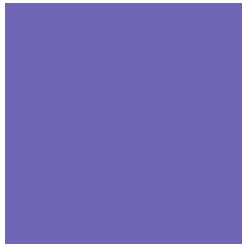


1A0017



# Previews

## White Background



This preview shows how the Hex color 6F66B5 looks on a white background.

## Color Contrast Check

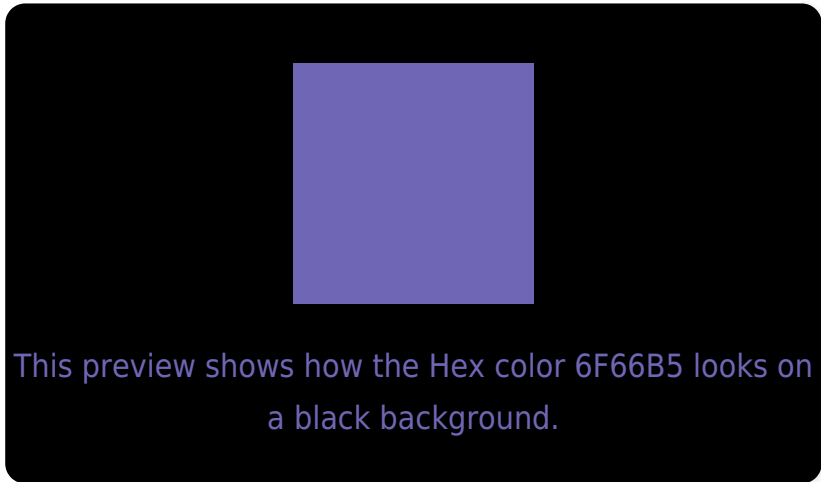
Large Text (above 18pt) WCAG AA ✓ Pass

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

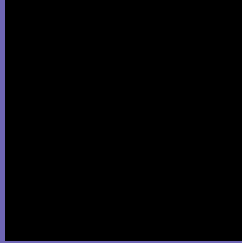
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F66B5 Background



This preview shows how black text looks on a background with the Hex color 6F66B5.

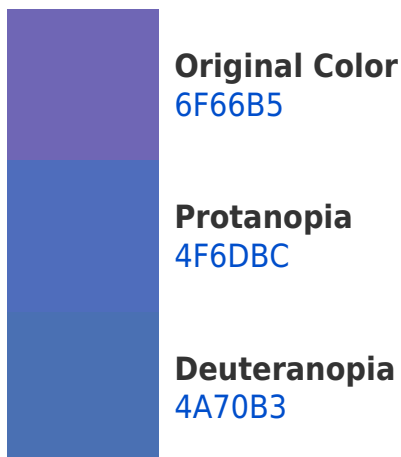


This preview shows how white text looks on a background with the Hex color 6F66B5.

# Color Blindness Simulation

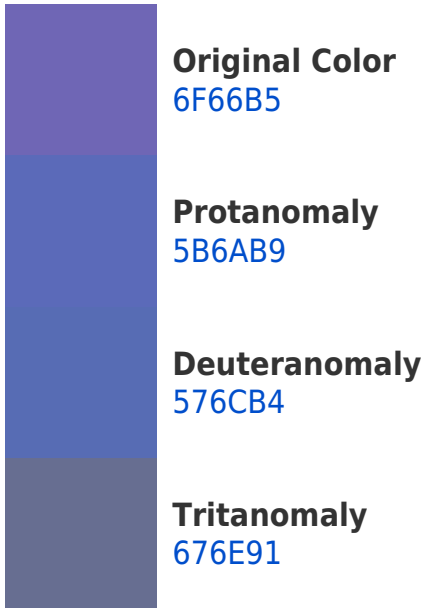
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F66B5 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 #6F66B5 looks like.

```
.text, #text, p{  
    color:#6F66B5  
}
```

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 #6F66B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F66B5
}
```

## Border

The CSS property to change the border of an element to Hex 6F66B5 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
#6F66B5 }
```

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

```
.border{ border-color:#6F66B5 }
```

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

Here you see how a box with a 4 pixel #6F66B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F66B5; -webkit-box-shadow:4px 4px  
4px 4px #6F66B5; box-shadow:4px 4px 4px  
4px #6F66B5 }
```

# Background

The CSS property to change the background color of an element to Hex 6F66B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F66B5 }
```

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

```
.background{ background-color:#6F66B5 }
```

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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