

# Converting Colors

Hex(6B62DF)

Have a look what the booklet for  
Hex(6B62DF) contains.

<b>Hex(6B62DF)</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> .....	28

# Color

**Hex(6B62DF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B62DF
RGB	107, 98, 223
RGB Percent	42%, 38%, 87%
CMY	0.5804, 0.6157, 0.1255
CMYK	0.52, 0.56, 0.00, 0.13
HSL	244°, 66%, 63%
HSV	244°, 56%, 87%
XYZ	23.7504, 17.1889, 71.8780
YIQ	114.9410, -34.7610, 40.7830

# Conversions

## Conversions Part 2

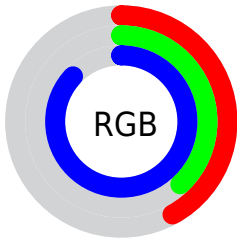
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 98, 223
Decimal	7037663
CIE <sub>Lab</sub>	48.50, 36.93, -62.94
CIE <sub>LCh</sub>	48, 72.974, 300.398
Yxy	17.1889, 0.2105, 0.1524
Android (android.graphics.Color)	4285227743 (0xFF6B62DF)
YUV	114.9410, 53.2731, -6.9643
Hunter-Lab	41.4595, 29.7010, -73.7691

# Details

The Hex color **6B62DF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D6DF62**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A695FF**, and **2A33A7** is the 20% darker color. If you saturate the color by 10%, you get **564CDF**, and if you desaturate by 10%, it is **8078DF**.

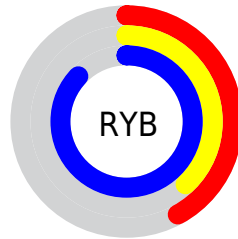
# Distribution



Red (42%)

Green (38%)

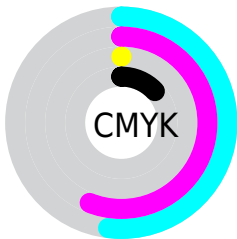
Blue (87%)



Red (42%)

Yellow (38%)

Blue (87%)

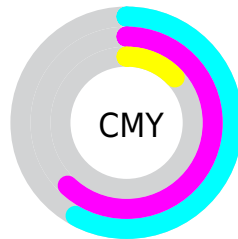


Cyan (52%)

Magenta (56%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (62%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B62DF 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 6B62DF by changing the saturation by 10% instead.



■ 6B62DF

■ 6B62DF

FFFFFF

■ 4D4AC3

■ A695FF

■ 2A33A7

■ C3B0FF

■ 001D8C

■ E1CBFF

■ 000A71

■ FFE8FF

■ 000058

■ 000740

■ 000329

■ 000113

■ 000000

 6B62DF

 6B62DF

 564CDF

 8078DF

 4235DF

 948FDF

 2D1FDF

 A9A5DF

 1809DF

 BEBBDF

 1000DF

 D2D2DF

 E7E8DF

 FCFEDF

 FFFFDF

# Harmonies

## Analogous

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



007BF0



6B62DF



BC3DB1

# Triad

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



6B62DF



BA5700



008D72

# Complementary

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



6B62DF



D6DF62

# 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.



008931



6B62DF



8B7100

# Square

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



6B62DF



D83339



4D8100



008DB0

# Rectangle

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



6B62DF



D5248A



4D8100



008C5D



# Sweetspot

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



6B62DF



D7D4FF



62D7DF



686680



000000



808080



# Same Dimension

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



6B62DF



6054FF



A962DF



666570



0D00B0



030030



# Inverse Universe

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



DF62D6



FF54F3



98DF62



70656F



B000A3

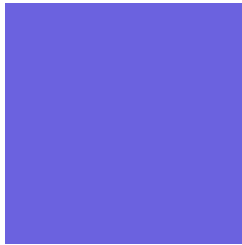


30002D



# Previews

## White Background



This preview shows how the Hex color 6B62DF looks on a white background.

## Color Contrast Check

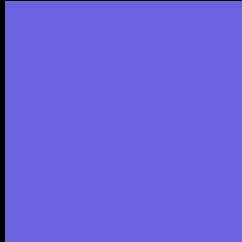
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B62DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

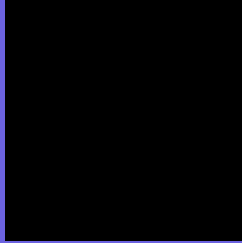
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B62DF Background



This preview shows how black text looks on a background with the Hex color 6B62DF.

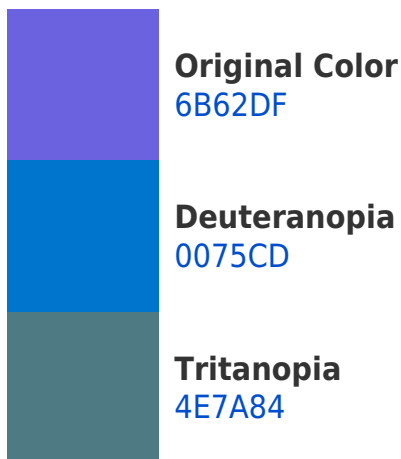


This preview shows how white text looks on a background with the Hex color 6B62DF.

# 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



**Original Color**  
6B62DF



**Deuteranomaly**  
276ED4

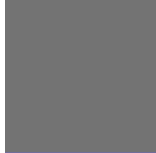


**Tritanomaly**  
5971A5

# Monochromacy



**Original Color**  
6B62DF



**Achromatopsia**  
737373



**Achromatomaly**  
706D9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B62DF 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 #6B62DF looks like.

```
.text, #text, p{  
    color:#6B62DF  
}
```

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 #6B62DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B62DF
}
```

## Border

The CSS property to change the border of an element to Hex 6B62DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

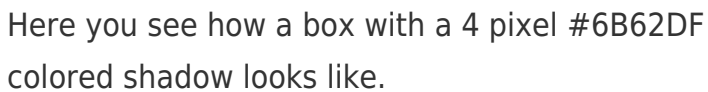
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B62DF }
```

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

```
.border{ border-color:#6B62DF }
```

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



Here you see how a box with a 4 pixel #6B62DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B62DF; -webkit-box-shadow:4px 4px  
4px 4px #6B62DF; box-shadow:4px 4px 4px  
4px #6B62DF }
```

# Background

The CSS property to change the background color of an element to Hex 6B62DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B62DF }
```

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

```
.background{ background-color:#6B62DF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor