

# Converting Colors

Hex(6736D2)

Have a look what the booklet for  
Hex(6736D2) contains.

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**Color**

**Hex(6736D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6736D2
RGB	103, 54, 210
RGB Percent	40%, 21%, 82%
CMY	0.5961, 0.7882, 0.1765
CMYK	0.51, 0.74, 0.00, 0.18
HSL	259°, 63%, 52%
HSV	259°, 74%, 82%
XYZ	18.5455, 10.1750, 61.9593
YIQ	86.4350, -20.8720, 58.9040

# Conversions

## Conversions Part 2

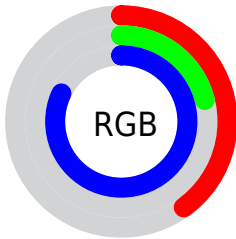
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 54, 210
Decimal	6764242
CIE <sub>Lab</sub>	38.15, 56.58, -72.36
CIE <sub>LCh</sub>	38, 91.856, 308.020
Yxy	10.1750, 0.2045, 0.1122
Android (android.graphics.Color)	4284954322 (0xFF6736D2)
YUV	86.4350, 60.9175, 14.5275
Hunter-Lab	31.8983, 47.9570, -92.8360

# Details

The Hex color **6736D2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A1D236**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A36AFF**, and **22009A** is the 20% darker color. If you saturate the color by 10%, you get **5921D2**, and if you desaturate by 10%, it is **754BD2**.

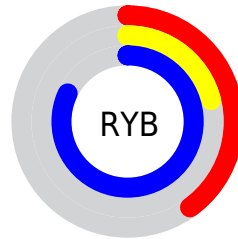
# Distribution



Red (40%)

Green (21%)

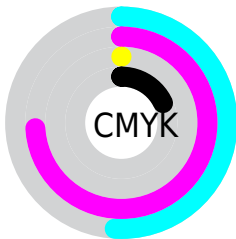
Blue (82%)



Red (40%)

Yellow (21%)

Blue (82%)

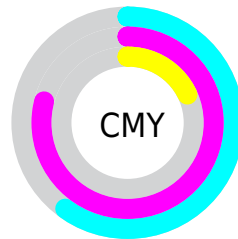


Cyan (51%)

Magenta (74%)

Yellow (0%)

Black (18%)



Cyan (60%)

Magenta (79%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6736D2 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 6736D2 by changing the saturation by 10% instead.



 6736D2

 6736D2


FFFFFF

 471BB6

 A36AFF

 22009A

 C184FF

 00007F

 DF9FFF

 000065

 FDBBFF

 00054C

 FFD7FF

 000434

 FFF4FF

 00021E

 000001

 000000

■ 6736D2

■ 6736D2

■ 5921D2

■ 754BD2

■ 4A0CD2

■ 8460D2

■ 4200D2

■ 9275D2

■ A18AD2

■ AF9FD2

■ BDB4D2

■ CCC9D2

■ DADED2

■ E9F3D2

# Harmonies

## Analogous

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



0060F2



6736D2



BB0093

# Triad

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



6736D2



993F00



00756D

# Complementary

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



6736D2



A1D236

# 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.



00721A



6736D2



5C5E00

# Square

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



6736D2



C30000



006C00



0075B6

# Rectangle

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



6736D2



D00062



006C00



007453



# Sweetspot

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



6736D2



D9C7FF



36A3D2



695E80



000000



808080



# Same Dimension

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



6736D2



631CFF



B336D2



615E69



3500A8



0D0029



# Inverse Universe

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



D236A1



FF1CB8



55D236



695E65



A80073



29001C



# Previews

## White Background



This preview shows how the Hex color 6736D2 looks on a white background.

## Color Contrast Check

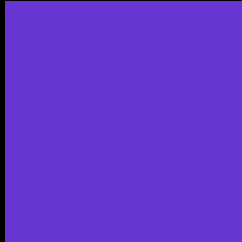
Large Text (above 18pt) WCAG AA ✓ Pass

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 6736D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

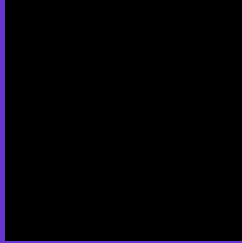
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6736D2 Background



This preview shows how black text looks on a background with the Hex color 6736D2.




This preview shows how white text looks on a background with the Hex color 6736D2.

# 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](#).

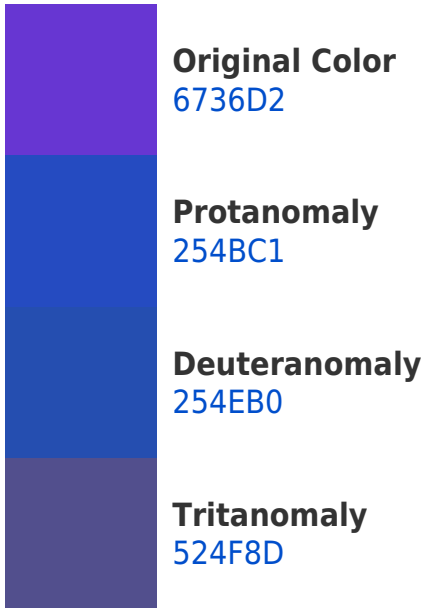
## Dichromacy





**Tritanopia**  
465D65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6736D2 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 #6736D2 looks like.

```
.text, #text, p{  
    color:#6736D2  
}
```

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 #6736D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6736D2
}
```

## Border

The CSS property to change the border of an element to Hex 6736D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

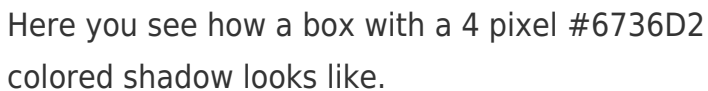
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6736D2 }
```

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

```
.border{ border-color:#6736D2 }
```

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



Here you see how a box with a 4 pixel #6736D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6736D2; -webkit-box-shadow:4px 4px  
4px 4px #6736D2; box-shadow:4px 4px 4px  
4px #6736D2 }
```

# Background

The CSS property to change the background color of an element to Hex 6736D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6736D2 }
```

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

```
.background{ background-color:#6736D2 }
```

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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