

# Converting Colors

Hex(6656D1)

Have a look what the booklet for  
Hex(6656D1) contains.

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# Color

**Hex(6656D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6656D1
RGB	102, 86, 209
RGB Percent	40%, 34%, 82%
CMY	0.6000, 0.6627, 0.1804
CMYK	0.51, 0.59, 0.00, 0.18
HSL	248°, 57%, 58%
HSV	248°, 59%, 82%
XYZ	20.3159, 14.0838, 61.9693
YIQ	104.8060, -29.9470, 41.6450

# Conversions

## Conversions Part 2

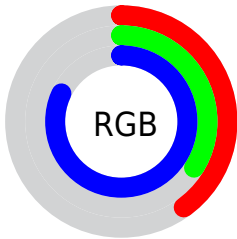
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 86, 209
Decimal	6706897
CIE <sub>Lab</sub>	44.35, 38.81, -61.69
CIE <sub>LCh</sub>	44, 72.880, 302.177
Yxy	14.0838, 0.2108, 0.1461
Android (android.graphics.Color)	4284896977 (0xFF6656D1)
YUV	104.8060, 51.3676, -2.4609
Hunter-Lab	37.5284, 30.9558, -71.6335

# Details

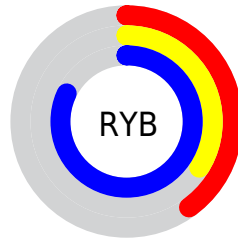
The Hex color **6656D1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **C1D156**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A088FF**, and **262899** is the 20% darker color. If you saturate the color by 10%, you get **5441D1**, and if you desaturate by 10%, it is **786BD1**.

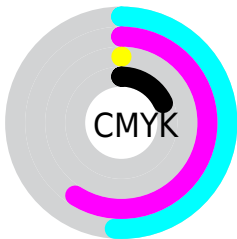
# Distribution



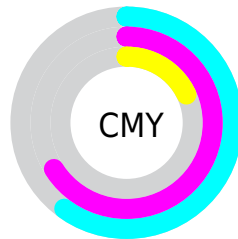
- Red (40%)
- Green (34%)
- Blue (82%)



- Red (40%)
- Yellow (34%)
- Blue (82%)



- Cyan (51%)
- Magenta (59%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (66%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6656D1 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 6656D1 by changing the saturation by 10% instead.



6656D1

6656D1

FFFFFF

483EB5

A088FF

262899

BDA3FF

00127F

DBBEFF

000065

F9DAFF

00004C

FFF7FF

000434

00021E

000001

000000

■ 6656D1

■ 6656D1

■ 5441D1

■ 786BD1

■ 422CD1

■ 8A80D1

■ 2F17D1

■ 9D95D1

■ 1D02D1

■ AFAAD1

■ 1B00D1

■ C1BFD1

■ D3D3D1

■ E5E8D1

■ F7FDD1

■ FFFFD1

# Harmonies

## Analogous

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



0070E4



6656D1



B22EA3

# Triad

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



6656D1



AB4E00



00826C

# Complementary

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



6656D1



C1D156

# 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.



007F2B



6656D1



7C6800

# Square

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



6656D1



C9272C



3C7700



0082A8

# Rectangle

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



6656D1



CA077C



3C7700



008156



# Sweetspot

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



6656D1



D7D1FF



56C3D1



676380



000000



808080



# Same Dimension

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



6656D1



624AFF



A256D1



5F5E69



1600A8



050029



# Inverse Universe

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



D156C1



FF4AE7



85D156



695E67



A80092

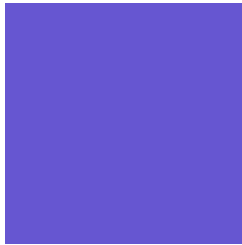


290023



# Previews

## White Background



This preview shows how the Hex color 6656D1 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

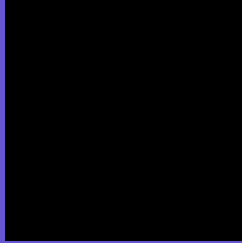
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6656D1 Background



This preview shows how black text looks on a background with the Hex color 6656D1.

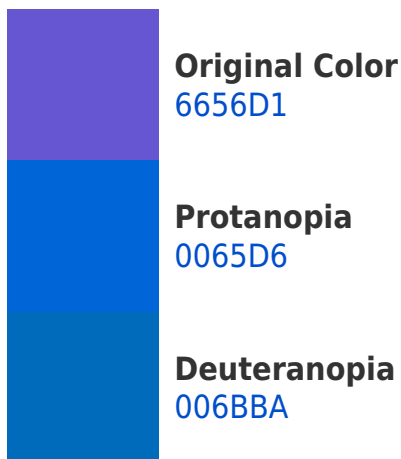


This preview shows how white text looks on a background with the Hex color 6656D1.

# 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](#).

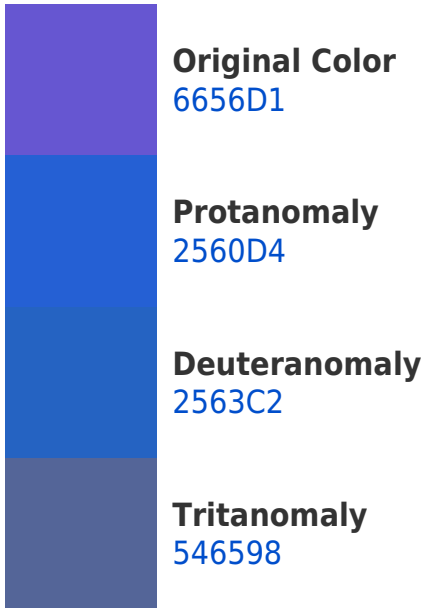
## Dichromacy





**Tritanopia**  
4A6E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6656D1 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 #6656D1 looks like.

```
.text, #text, p{  
    color:#6656D1  
}
```

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 #6656D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6656D1
}
```

## Border

The CSS property to change the border of an element to Hex 6656D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

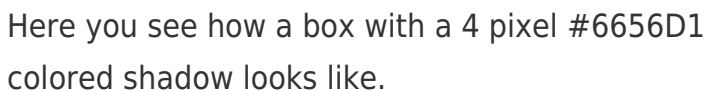
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6656D1 }
```

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

```
.border{ border-color:#6656D1 }
```

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



Here you see how a box with a 4 pixel #6656D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6656D1; -webkit-box-shadow:4px 4px  
4px 4px #6656D1; box-shadow:4px 4px 4px  
4px #6656D1 }
```

# Background

The CSS property to change the background color of an element to Hex 6656D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6656D1 }
```

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

```
.background{ background-color:#6656D1 }
```

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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