

# Converting Colors

Hex(6651D2)

Have a look what the booklet for  
Hex(6651D2) contains.

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# Color

**Hex(6651D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6651D2
RGB	102, 81, 210
RGB Percent	40%, 32%, 82%
CMY	0.6000, 0.6824, 0.1765
CMYK	0.51, 0.61, 0.00, 0.18
HSL	250°, 59%, 57%
HSV	250°, 61%, 82%
XYZ	20.0548, 13.3628, 62.4950
YIQ	101.9850, -28.8930, 44.5710

# Conversions

## Conversions Part 2

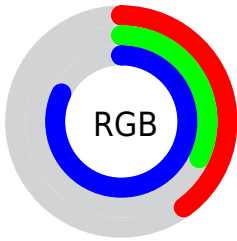
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 81, 210
Decimal	6705618
CIE <sub>Lab</sub>	43.30, 42.04, -63.96
CIE <sub>LCh</sub>	43, 76.541, 303.317
Yxy	13.3628, 0.2091, 0.1393
Android (android.graphics.Color)	4284895698 (0xFF6651D2)
YUV	101.9850, 53.2514, 0.0132
Hunter-Lab	36.5551, 33.9567, -75.7742

# Details

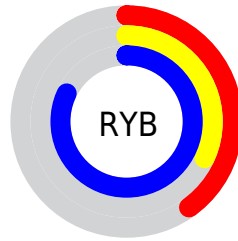
The Hex color **6651D2** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **BDD251**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A183FF**, and **25229A** is the 20% darker color. If you saturate the color by 10%, you get **543CD2**, and if you desaturate by 10%, it is **7866D2**.

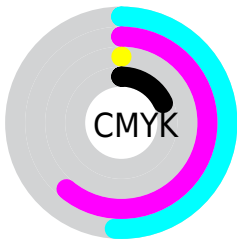
# Distribution



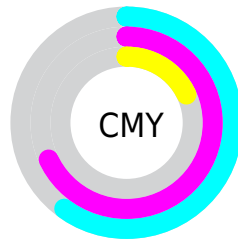
- Red (40%)
- Green (32%)
- Blue (82%)



- Red (40%)
- Yellow (32%)
- Blue (82%)



- Cyan (51%)
- Magenta (61%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (68%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6651D2 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 6651D2 by changing the saturation by 10% instead.



6651D2

6651D2

FFFFFF

4839B6

A183FF

25229A

BE9EFF

000C80

DCB9FF

000066

FAD5FF

00004D

FFF1FF

000535

00021F

000002

000000

■ 6651D2

■ 6651D2

■ 543CD2

■ 7866D2

■ 4327D2

■ 897BD2

■ 3112D2

■ 9B90D2

■ 2200D2

■ ACA5D2

■ BEBAD2

■ CFCFD2

■ E1E4D2

■ F3F9D2

■ FFFFD2

# Harmonies

## Analogous

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



006DE7



6651D2



B520A1

# Triad

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



6651D2



A84B00



00806C

# Complementary

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



6651D2



BDD251

# 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.



007D27



6651D2



776600

# Square

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



6651D2



C91C24



317500



0080AB

# Rectangle

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



6651D2



CB0077



317500



007F56



# Sweetspot

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



6651D2



D9D1FF



51BFD2



686380



000000



808080



# Same Dimension

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



6651D2



6142FF



A551D2



605E69



1B00A8



070029



# Inverse Universe

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



D251BD



FF42E0



7ED251



695E67



A8008D

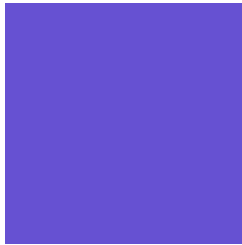


290022



# Previews

## White Background



This preview shows how the Hex color 6651D2 looks on a white background.

## Color Contrast Check

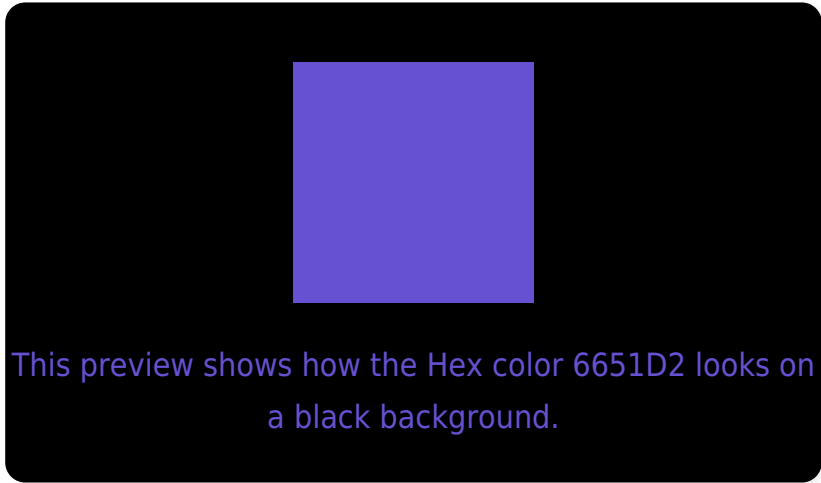
Large Text (above 18pt) WCAG AA ✓ Pass

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

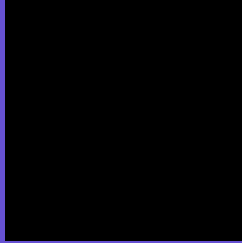
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6651D2 Background



This preview shows how black text looks on a background with the Hex color 6651D2.

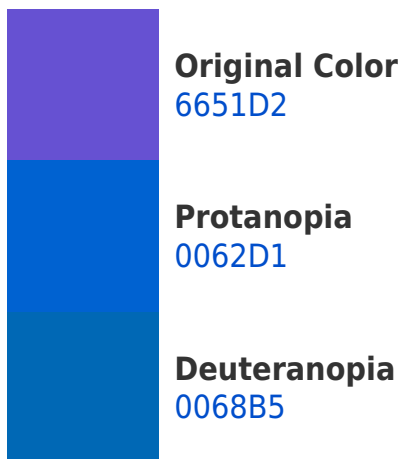



This preview shows how white text looks on a background with the Hex color 6651D2.

# 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**  
496C74

# Trichromacy



**Original Color**  
6651D2



**Protanomaly**  
255CD1



**Deuteranomaly**  
2560C0



**Tritanomaly**  
546296

# Monochromacy



**Original Color**  
6651D2



**Achromatopsia**  
666666



**Achromatomaly**  
665E8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6651D2 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 #6651D2 looks like.

```
.text, #text, p{  
    color:#6651D2  
}
```

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 #6651D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6651D2
}
```

## Border

The CSS property to change the border of an element to Hex 6651D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

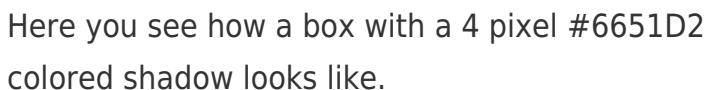
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6651D2 }
```

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

```
.border{ border-color:#6651D2 }
```

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



Here you see how a box with a 4 pixel #6651D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6651D2; -webkit-box-shadow:4px 4px  
4px 4px #6651D2; box-shadow:4px 4px 4px  
4px #6651D2 }
```

# Background

The CSS property to change the background color of an element to Hex 6651D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6651D2 }
```

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

```
.background{ background-color:#6651D2 }
```

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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