

# Converting Colors

Hex(6560D2)

Have a look what the booklet for  
Hex(6560D2) contains.

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# Color

Hex(6560D2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6560D2
RGB	101, 96, 210
RGB Percent	40%, 38%, 82%
CMY	0.6039, 0.6235, 0.1765
CMYK	0.52, 0.54, 0.00, 0.18
HSL	243°, 56%, 60%
HSV	243°, 54%, 82%
XYZ	21.1826, 15.7856, 62.9032
YIQ	110.4910, -33.6140, 36.5140

# Conversions

## Conversions Part 2

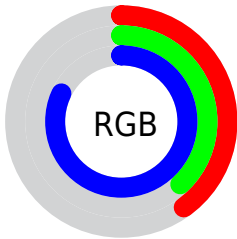
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 96, 210
Decimal	6643922
CIE <sub>Lab</sub>	46.69, 32.92, -58.48
CIE <sub>LCh</sub>	47, 67.111, 299.376
Yxy	15.7856, 0.2121, 0.1581
Android (android.graphics.Color)	4284834002 (0xFF6560D2)
YUV	110.4910, 49.0579, -8.3236
Hunter-Lab	39.7311, 25.6376, -66.0577

# Details

The Hex color **6560D2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CDD260**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9F93FF**, and **25329B** is the 20% darker color. If you saturate the color by 10%, you get **514BD2**, and if you desaturate by 10%, it is **7975D2**.

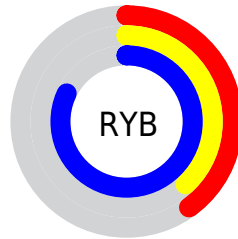
# Distribution



Red (40%)

Green (38%)

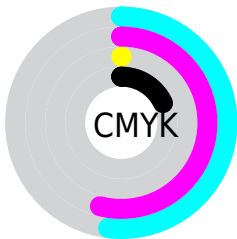
Blue (82%)



Red (40%)

Yellow (38%)

Blue (82%)

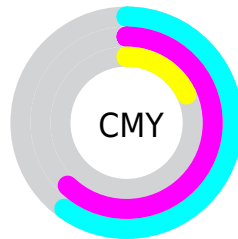


Cyan (52%)

Magenta (54%)

Yellow (0%)

Black (18%)



Cyan (60%)

Magenta (62%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6560D2 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 6560D2 by changing the saturation by 10% instead.



 6560D2

 6560D2

FFFFFF

 4748B6

 9F93FF

 25329B

 BCADFF

 001C80

 D9C9FF

 000966

 F7E5FF

 00004D

 000535

 00021F

 000003

 000000

■ 6560D2

■ 6560D2

■ 514BD2

■ 7975D2

■ 3D36D2

■ 8D8AD2

■ 2921D2

■ A19FD2

■ 150CD2

■ B5B4D2

■ 0900D2

■ C9C9D2

■ DDEDED2

■ F2F3D2

■ FFFFD2

# Harmonies

## Analogous

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



0076E1



6560D2



AF41A9

# Triad

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



6560D2



B25400



00876C

# Complementary

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



6560D2



CDD260

# 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.



008330



6560D2



876C00

# Square

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



6560D2



CC363B



4F7B00



0087A5

# Rectangle

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



6560D2



C82D85



4F7B00



008658



# Sweetspot

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



6560D2



D8D6FF



60CED2



686780



000000



808080



# Same Dimension

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



6560D2



6159FF



9D60D2



5F5E69



0700A8



020029



# Inverse Universe

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



D260CD



FF59F8



95D260



695E68



A800A1

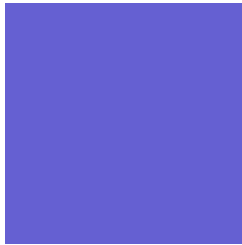


290027



# Previews

## White Background



This preview shows how the Hex color 6560D2 looks on a white background.

## Color Contrast Check

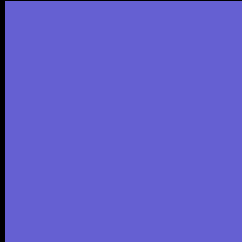
Large Text (above 18pt) WCAG AA ✓ Pass

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 6560D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

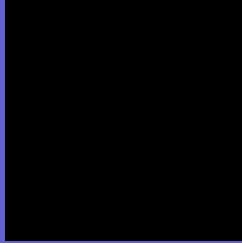
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6560D2 Background



This preview shows how black text looks on a background with the Hex color 6560D2.

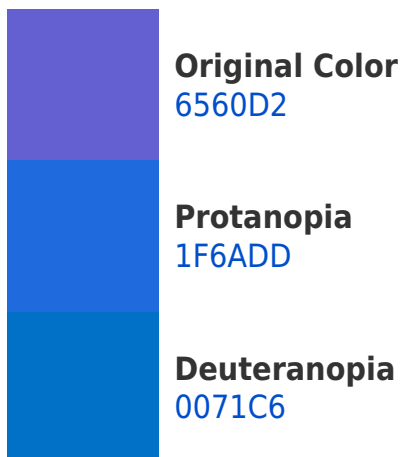



This preview shows how white text looks on a background with the Hex color 6560D2.

# 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](#).

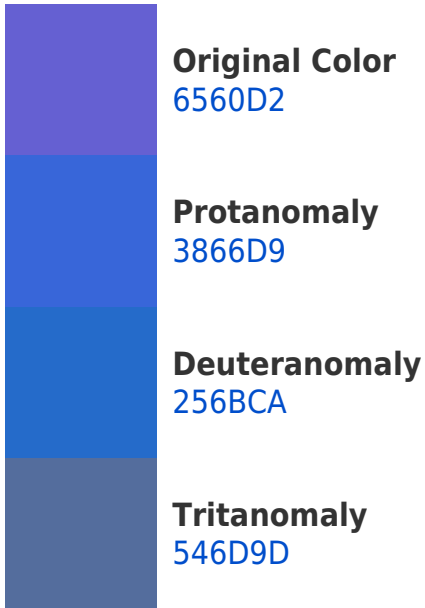
## Dichromacy





**Tritanopia**  
4A757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6560D2 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 #6560D2 looks like.

```
.text, #text, p{  
    color:#6560D2  
}
```

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 #6560D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6560D2
}
```

## Border

The CSS property to change the border of an element to Hex 6560D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

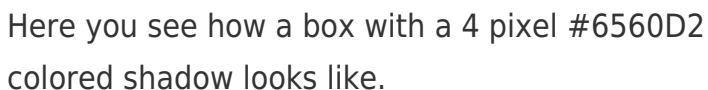
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6560D2 }
```

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

```
.border{ border-color:#6560D2 }
```

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



Here you see how a box with a 4 pixel #6560D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6560D2; -webkit-box-shadow:4px 4px  
4px 4px #6560D2; box-shadow:4px 4px 4px  
4px #6560D2 }
```

# Background

The CSS property to change the background color of an element to Hex 6560D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6560D2 }
```

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

```
.background{ background-color:#6560D2 }
```

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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