

# Converting Colors

Hex(6355B2)

Have a look what the booklet for  
Hex(6355B2) contains.

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# Color

Hex(6355B2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6355B2
RGB	99, 85, 178
RGB Percent	39%, 33%, 70%
CMY	0.6118, 0.6667, 0.3020
CMYK	0.44, 0.52, 0.00, 0.30
HSL	249°, 38%, 52%
HSV	249°, 52%, 70%
XYZ	16.4300, 12.3640, 43.6400
YIQ	99.7880, -21.5090, 31.8910

# Conversions

## Conversions Part 2

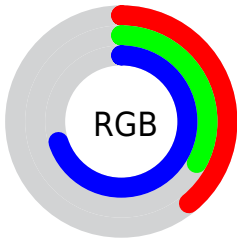
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 85, 178
Decimal	6510002
CIE <sub>Lab</sub>	41.79, 29.44, -47.82
CIE <sub>LCh</sub>	42, 56.158, 301.615
Yxy	12.3640, 0.2268, 0.1707
Android (android.graphics.Color)	4284700082 (0xFF6355B2)
YUV	99.7880, 38.5585, -0.6911
Hunter-Lab	35.1625, 21.8713, -48.9708

# Details

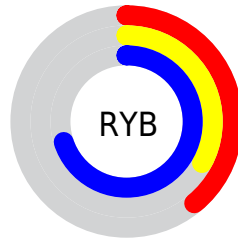
The Hex color **6355B2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A4B255**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9A87EA**, and **2B277D** is the 20% darker color. If you saturate the color by 10%, you get **5443B2**, and if you desaturate by 10%, it is **7267B2**.

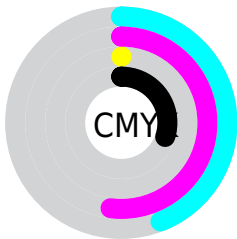
# Distribution



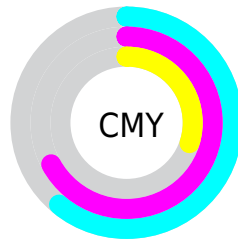
- Red (39%)
- Green (33%)
- Blue (70%)



- Red (39%)
- Yellow (33%)
- Blue (70%)



- Cyan (44%)
- Magenta (52%)
- Yellow (0%)
- Black (30%)



- Cyan (61%)
- Magenta (67%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6355B2 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 6355B2 by changing the saturation by 10% instead.



6355B2

6355B2

FFFFFF

483E97

9A87EA

2B277D

B6A1FF

041263

D3BCFF

00004B

F0D8FF

000433

FFF5FF

00021D

000000

6355B2

6355B2

5443B2

7267B2

■ 4531B2

■ 8179B2

■ 3620B2

■ 908AB2

■ 270EB2

■ 9F9CB2

■ 1B00B2

■ AFAEB2

■ BEC0B2

■ CDD2B2

■ DCE3B2

■ EBF5B2

# Harmonies

## Analogous

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



0068C0



6355B2



9B3D8F

# Triad

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



6355B2



994F06



007764

# Complementary

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



6355B2



A4B255

# 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.



007434



6355B2



756100

# Square

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



6355B2



B03935



466E00



007792

# Rectangle

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



6355B2



AE3172



466E00



007754



# Sweetspot

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



6355B2



C9C3E8



55A4B2



625F75



F5F5F5



757575



# Same Dimension

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



6355B2



6C56E8



9155B2



525059



170099



04001A



# Inverse Universe

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



B255A4



E856D2



76B255



595058



990082

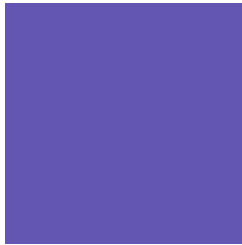


1A0016



# Previews

## White Background



This preview shows how the Hex color 6355B2 looks on a white background.

## Color Contrast Check

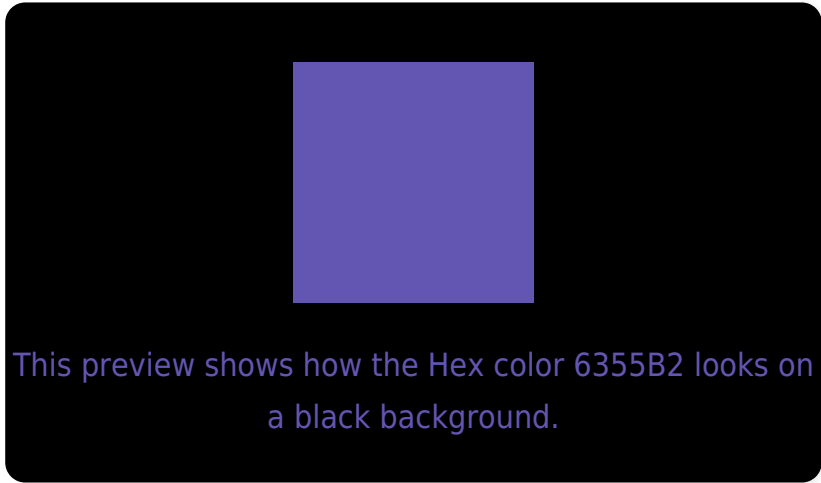
Large Text (above 18pt) WCAG AA ✓ Pass

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

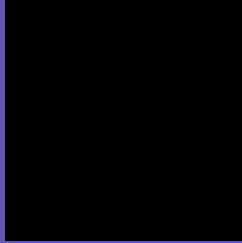
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6355B2 Background



This preview shows how black text looks on a background with the Hex color 6355B2.

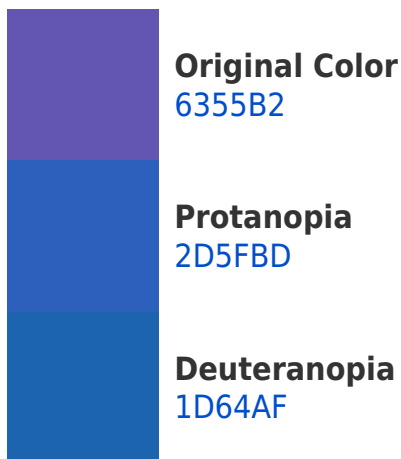



This preview shows how white text looks on a background with the Hex color 6355B2.

# 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](#).

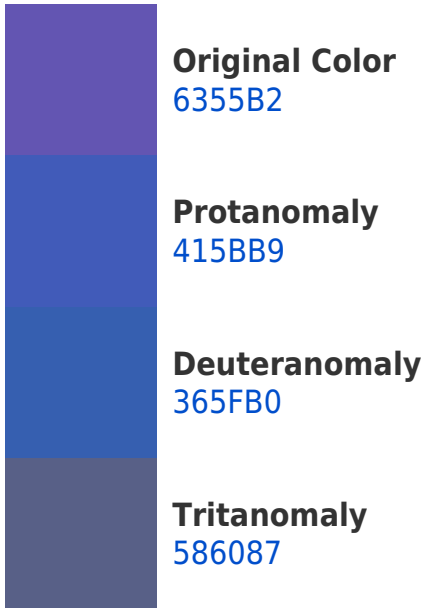
## Dichromacy





**Tritanopia**  
51666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6355B2 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 #6355B2 looks like.

```
.text, #text, p{  
    color:#6355B2  
}
```

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 #6355B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6355B2
}
```

## Border

The CSS property to change the border of an element to Hex 6355B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

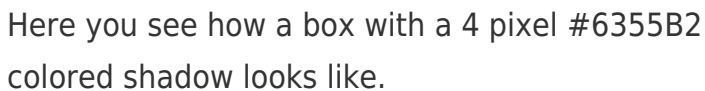
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6355B2 }
```

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

```
.border{ border-color:#6355B2 }
```

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



Here you see how a box with a 4 pixel #6355B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6355B2; -webkit-box-shadow:4px 4px  
4px 4px #6355B2; box-shadow:4px 4px 4px  
4px #6355B2 }
```

# Background

The CSS property to change the background color of an element to Hex 6355B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6355B2 }
```

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

```
.background{ background-color:#6355B2 }
```

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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