

# Converting Colors

Hex(6359D1)

Have a look what the booklet for  
Hex(6359D1) contains.

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# Color

**Hex(6359D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6359D1
RGB	99, 89, 209
RGB Percent	39%, 35%, 82%
CMY	0.6118, 0.6510, 0.1804
CMYK	0.53, 0.57, 0.00, 0.18
HSL	245°, 57%, 58%
HSV	245°, 57%, 82%
XYZ	20.2266, 14.4009, 62.0352
YIQ	105.6700, -32.5600, 39.4400

# Conversions

## Conversions Part 2

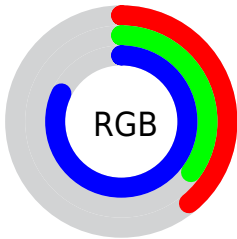
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 89, 209
Decimal	6511057
CIE <sub>Lab</sub>	44.80, 36.43, -60.97
CIE <sub>LCh</sub>	45, 71.027, 300.862
Yxy	14.4009, 0.2092, 0.1490
Android (android.graphics.Color)	4284701137 (0xFF6359D1)
YUV	105.6700, 50.9417, -5.8496
Hunter-Lab	37.9485, 28.7310, -70.3588

# Details

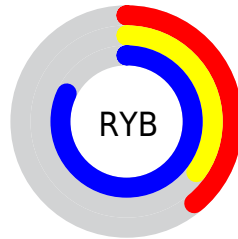
The Hex color **6359D1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **C7D159**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9D8BFF**, and **212B9A** is the 20% darker color. If you saturate the color by 10%, you get **5044D1**, and if you desaturate by 10%, it is **766ED1**.

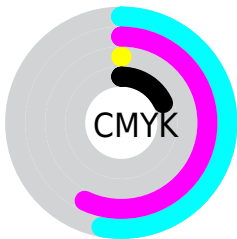
# Distribution



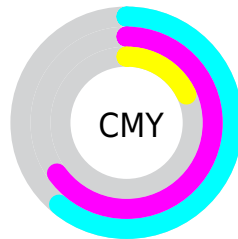
- Red (39%)
- Green (35%)
- Blue (82%)



- Red (39%)
- Yellow (35%)
- Blue (82%)



- Cyan (53%)
- Magenta (57%)
- Yellow (0%)
- Black (18%)



- Cyan (61%)
- Magenta (65%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6359D1 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 6359D1 by changing the saturation by 10% instead.



 6359D1

 6359D1

FFFFFF

 4541B5

 9D8BFF

 212B9A

 BAA6FF

 00167F

 D8C1FF

 000165


 F6DDFF

 00004C

 FFFAFF

 000534

 00021E

 000001

 000000

■ 6359D1

■ 6359D1

■ 5044D1

■ 766ED1

■ 3D2FD1

■ 8983D1

■ 2A1AD1

■ 9C98D1

■ 1605D1

■ B0ADD1

■ 1100D1

■ C3C2D1

■ D6D6D1

■ E9EBD1

■ FCFFD1

■ FFFFD1

# Harmonies

## Analogous

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



0071E2



6359D1



B034A5

# Triad

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



6359D1



AD4F00



00836A

# Complementary

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



6359D1



C7D159

# 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



6359D1



806800

# Square

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



6359D1



CA2A31



437700



0083A6

# Rectangle

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



6359D1



C8187F



437700



008255



# Sweetspot

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



6359D1



D7D4FF



59C7D1



686680



000000



808080



# Same Dimension

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



6359D1



5E4FFF



9F59D1



5F5E69



0E00A8



030029



# Inverse Universe

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



D159C7



FF4FF0



8BD159



695E68



A8009A

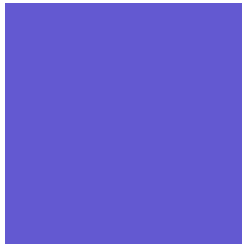


290025



# Previews

## White Background



This preview shows how the Hex color 6359D1 looks on a white background.

## Color Contrast Check

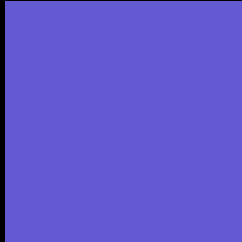
Large Text (above 18pt) WCAG AA ✓ Pass

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 6359D1 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 6359D1 Background



This preview shows how black text looks on a background with the Hex color 6359D1.

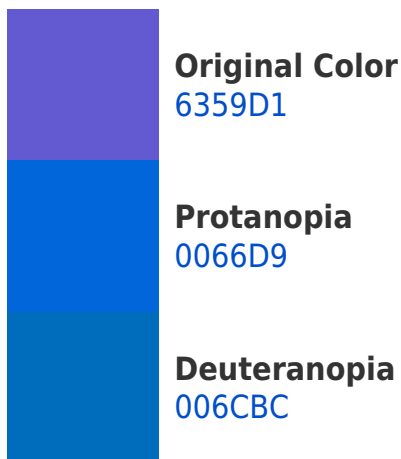


This preview shows how white text looks on a background with the Hex color 6359D1.

# 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](#).

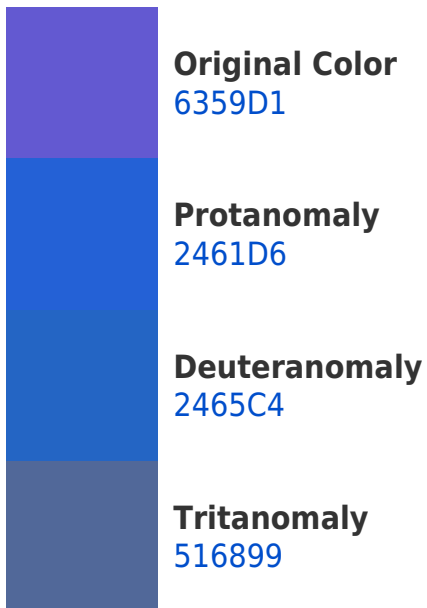
## Dichromacy



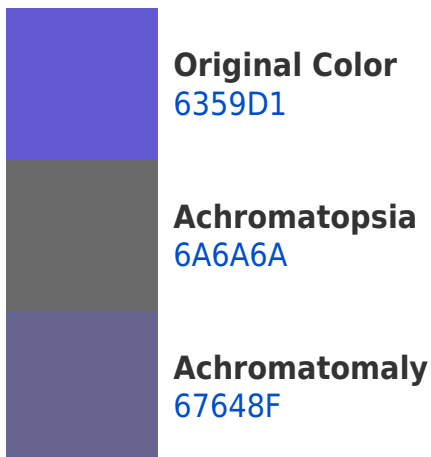


**Tritanopia**  
467079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6359D1 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 #6359D1 looks like.

```
.text, #text, p{  
    color:#6359D1  
}
```

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 #6359D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6359D1
}
```

## Border

The CSS property to change the border of an element to Hex 6359D1 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
#6359D1 }
```

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

```
.border{ border-color:#6359D1 }
```

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

Here you see how a box with a 4 pixel #6359D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6359D1; -webkit-box-shadow:4px 4px  
4px 4px #6359D1; box-shadow:4px 4px 4px  
4px #6359D1 }
```

# Background

The CSS property to change the background color of an element to Hex 6359D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6359D1 }
```

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

```
.background{ background-color:#6359D1 }
```

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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