

# Converting Colors

Hex(6359A0)

Have a look what the booklet for  
Hex(6359A0) contains.

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# Color

**Hex(6359A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6359A0
RGB	99, 89, 160
RGB Percent	39%, 35%, 63%
CMY	0.6118, 0.6510, 0.3725
CMYK	0.38, 0.44, 0.00, 0.37
HSL	248°, 29%, 49%
HSV	248°, 44%, 63%
XYZ	15.0631, 12.3355, 34.8448
YIQ	100.0840, -16.8310, 24.2010

# Conversions

## Conversions Part 2

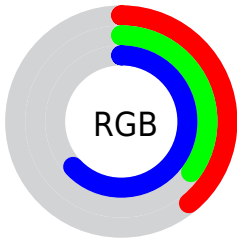
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 89, 160
Decimal	6511008
CIE <sub>Lab</sub>	41.74, 21.68, -37.24
CIE <sub>LCh</sub>	42, 43.093, 300.207
Yxy	12.3355, 0.2420, 0.1982
Android (android.graphics.Color)	4284701088 (0xFF6359A0)
YUV	100.0840, 29.5386, -0.9507
Hunter-Lab	35.1219, 15.0921, -34.2369

# Details

The Hex color **6359A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96A059**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **988BD7**, and **2F2B6C** is the 20% darker color. If you saturate the color by 10%, you get **5549A0**, and if you desaturate by 10%, it is **7169A0**.

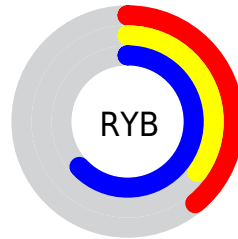
# Distribution



Red (39%)

Green (35%)

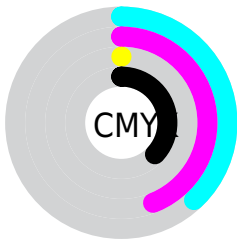
Blue (63%)



Red (39%)

Yellow (35%)

Blue (63%)

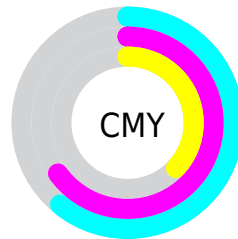


Cyan (38%)

Magenta (44%)

Yellow (0%)

Black (37%)



Cyan (61%)

Magenta (65%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6359A0 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 6359A0 by changing the saturation by 10% instead.



■ 6359A0

■ 6359A0

FFFFFF

■ 494286

■ 988BD7

■ 2F2B6C

■ B4A5F4

■ 131753

■ D0C1FF

■ 00003C

■ EDDDFE

■ 000225

■ FFF9FF

■ 00010E

■ 000000

■ 6359A0

■ 6359A0

■ 5549A0

■ 7169A0

4839A0

7E79A0

3A29A0

8C89A0

2C19A0

9A99A0

1E09A0

A8A9A0

1700A0

B5B9A0

C3C9A0

D1D9A0

DFE9A0

# Harmonies

## Analogous

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



0066A9



6359A0



8E4A86

# Triad

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



6359A0



905324



007362

# Complementary

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



6359A0



96A059

# 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.



1B713E



6359A0



756115

# Square

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



6359A0



A14641



516B20



007385

# Rectangle

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



6359A0



9D4370



516B20



007355



# Sweetspot

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



6359A0



BAB6D1



5997A0



5A5869



E8E8E8



696969



# Same Dimension

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



6359A0



7262D1



8659A0



48474F



14008F



02000F



# Inverse Universe

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



A05996



D162C1



73A059



4F474E



8F007B



0F000D



# Previews

## White Background



This preview shows how the Hex color 6359A0 looks on a white background.

## Color Contrast Check

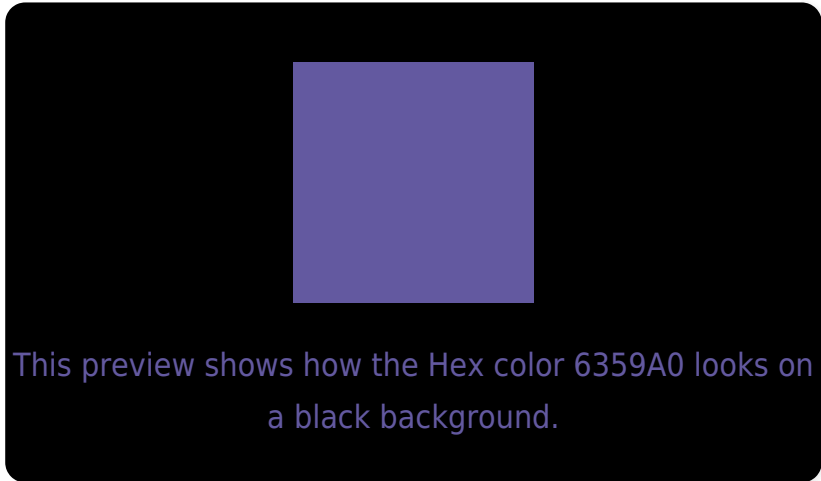
Large Text (above 18pt) WCAG AA ✓ Pass

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

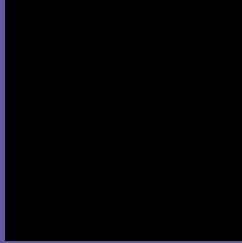
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6359A0 Background



This preview shows how black text looks on a background with the Hex color 6359A0.

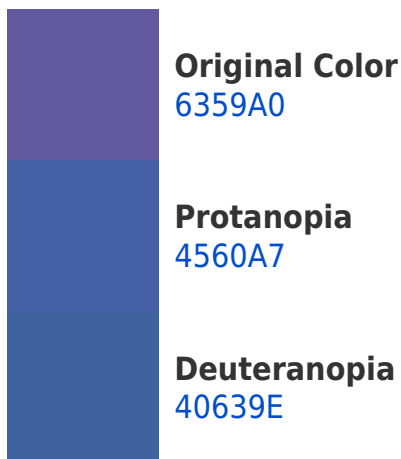


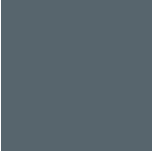
This preview shows how white text looks on a background with the Hex color 6359A0.

# 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](#).

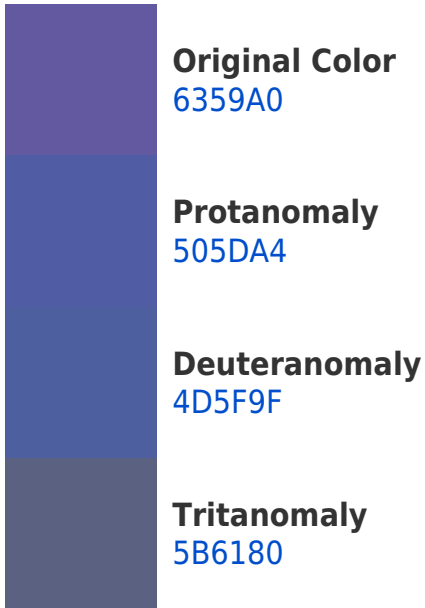
## Dichromacy





**Tritanopia**  
57656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6359A0 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 #6359A0 looks like.

```
.text, #text, p{  
    color:#6359A0  
}
```

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 #6359A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6359A0
}
```

## Border

The CSS property to change the border of an element to Hex 6359A0 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
#6359A0 }
```

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

```
.border{ border-color:#6359A0 }
```

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

Here you see how a box with a 4 pixel #6359A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6359A0; -webkit-box-shadow:4px 4px  
4px 4px #6359A0; box-shadow:4px 4px 4px  
4px #6359A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6359A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6359A0 }
```

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

```
.background{ background-color:#6359A0 }
```

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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