

# Converting Colors

Hex(359ED4)

Have a look what the booklet for  
Hex(359ED4) contains.

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# Color

Hex(359ED4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	359ED4
RGB	53, 158, 212
RGB Percent	21%, 62%, 83%
CMY	0.7922, 0.3804, 0.1686
CMYK	0.75, 0.25, 0.00, 0.17
HSL	200°, 65%, 52%
HSV	200°, 75%, 83%
XYZ	25.5787, 29.9641, 66.7229
YIQ	132.7610, -79.9140, -5.4660

# Conversions

## Conversions Part 2

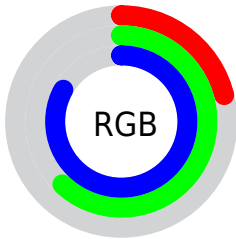
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 116, 212
Decimal	3514068
CIELab	61.62, -11.77, -36.04
CIElCh	62, 37.917, 251.915
Yxy	29.9641, 0.2092, 0.2451
Android (android.graphics.Color)	4281704148 (0xFF359ED4)
YUV	132.7610, 39.0648, -69.9504
Hunter-Lab	54.7394, -12.3843, -33.9520

# Details

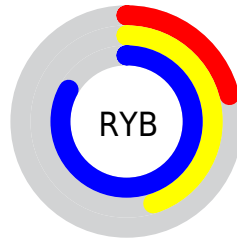
The Hex color **359ED4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D46B35**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79D5FF**, and **006B9D** is the 20% darker color. If you saturate the color by 10%, you get **2097D4**, and if you desaturate by 10%, it is **4AA5D4**.

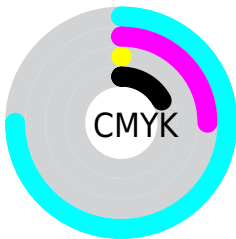
# Distribution



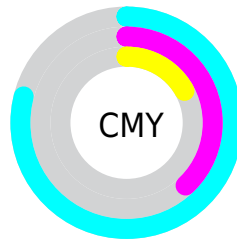
- Red (21%)
- Green (62%)
- Blue (83%)



- Red (21%)
- Yellow (45%)
- Blue (83%)



- Cyan (75%)
- Magenta (25%)
- Yellow (0%)
- Black (17%)



- Cyan (79%)
- Magenta (38%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 359ED4 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 359ED4 by changing the saturation by 10% instead.



■ 359ED4

■ 359ED4

FFFFFF

■ 0084B8

■ 79D5FF

■ 006B9D

■ 97F1FF

■ 005383

■ B6FFFF

■ 003C69

■ D4FFFF

■ 002651

■ F2FFFF

■ 00103A

■ 000223

■ 00000B

■ 000000

■ 359ED4

■ 359ED4

■ 2097D4

■ 4AA5D4

■ 0B90D4

■ 5FACD4

■ 008CD4

■ 75B4D4

■ 8ABBD4

■ 9FC2D4

■ B4C9D4

■ C9D0D4

■ DFD8D4

■ F4DFD4

# Harmonies

## Analogous

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



00A4C1



359ED4



7994D6

# Triad

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



359ED4



D57A89



78A062

# Complementary

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



359ED4



D46B35

# 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.



9D9752



359ED4



D0806A

# Square

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



359ED4



C97DAA



BB8C55



4CA57F

# Rectangle

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



359ED4



9B8BCE



BB8C55



859D5A

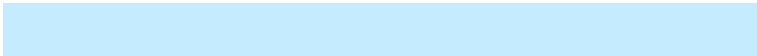


# Sweetspot

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



359ED4



C4EBFF



35D46A



5C7380



000000



808080

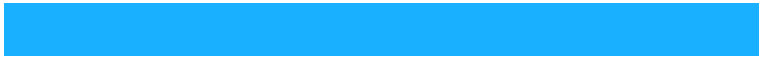


# Same Dimension

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



359ED4



19B1FF



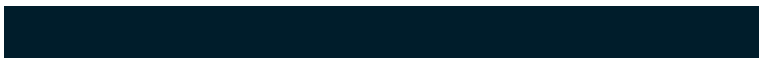
3550D4



60676B



0071AB



001D2B



# Inverse Universe

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



D4359E



FF19B1



D4BA35



6B6067



AB0071



2B001D



# Previews

## White Background



This preview shows how the Hex color 359ED4 looks on a white background.

## Color Contrast Check

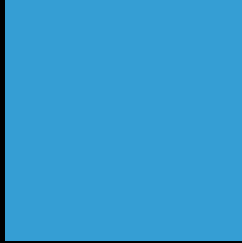
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 359ED4 looks on a black 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

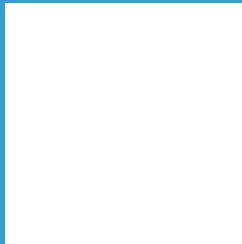
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 359ED4 Background



This preview shows how black text looks on a background with the Hex color 359ED4.

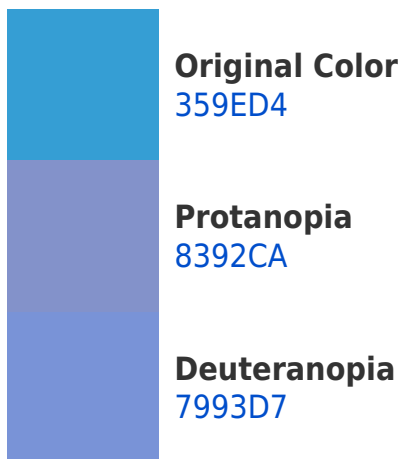


This preview shows how white text looks on a background with the Hex color 359ED4.

# 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](#).

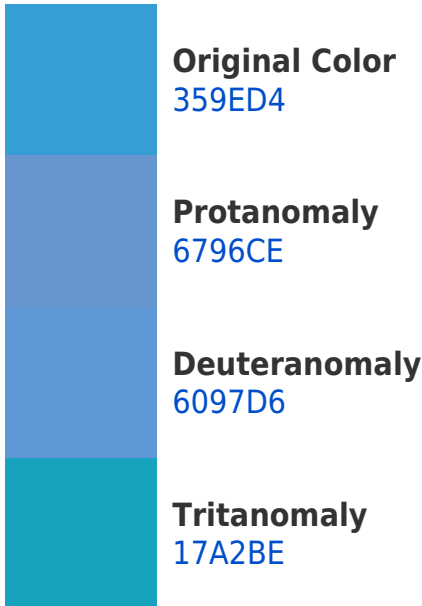
## Dichromacy





**Tritanopia**  
06A4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 359ED4 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 #359ED4 looks like.

```
.text, #text, p{  
    color:#359ED4  
}
```

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 #359ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #359ED4
}
```

## Border

The CSS property to change the border of an element to Hex 359ED4 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
#359ED4 }
```

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

```
.border{ border-color:#359ED4 }
```

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

Here you see how a box with a 4 pixel #359ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #359ED4; -webkit-box-shadow:4px 4px  
4px 4px #359ED4; box-shadow:4px 4px 4px  
4px #359ED4 }
```

# Background

The CSS property to change the background color of an element to Hex 359ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#359ED4 }
```

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

```
.background{ background-color:#359ED4 }
```

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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