

# Converting Colors

Hex(369FB3)

Have a look what the booklet for  
Hex(369FB3) contains.

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# Color

**Hex(369FB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	369FB3
RGB	54, 159, 179
RGB Percent	21%, 62%, 70%
CMY	0.7882, 0.3765, 0.2980
CMYK	0.70, 0.11, 0.00, 0.30
HSL	190°, 54%, 46%
HSV	190°, 70%, 70%
XYZ	22.0561, 28.8352, 47.0511
YIQ	129.8850, -69.0000, -16.0400

# Conversions

## Conversions Part 2

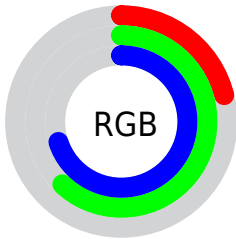
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 111, 179
Decimal	3579827
CIELab	60.64, -23.07, -19.07
CIELCh	61, 29.935, 219.582
Yxy	28.8352, 0.2252, 0.2944
Android (android.graphics.Color)	4281769907 (0xFF369FB3)
YUV	129.8850, 24.2137, -66.5511
Hunter-Lab	53.6984, -20.6550, -14.3616

# Details

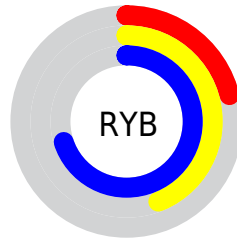
The Hex color **369FB3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B34A36**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **75D6EB**, and **006B7E** is the 20% darker color. If you saturate the color by 10%, you get **249CB3**, and if you desaturate by 10%, it is **48A2B3**.

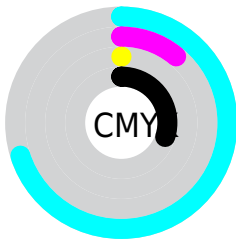
# Distribution



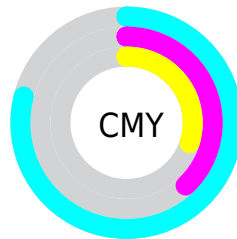
- Red (21%)
- Green (62%)
- Blue (70%)



- Red (21%)
- Yellow (44%)
- Blue (70%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)



- Cyan (79%)
- Magenta (38%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 369FB3 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 369FB3 by changing the saturation by 10% instead.



 369FB3

 369FB3

FFFFFF

 008598

 75D6EB

 006B7E

 92F2FF

 005365

 B0FFFF

 003B4D

 CDFFFF

 002536

 EBFFFF

 000621

 000007

 000000

 369FB3

 369FB3

■ 249CB3

■ 48A2B3

■ 1299B3

■ 5AA5B3

■ 0096B3

■ 6CA8B3

■ 7EAAB3

■ 90ADB3

■ A1B0B3

■ B3B3B3

■ C5B6B3

■ D7B9B3

# Harmonies

## Analogous

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



41A19A



369FB3



529AC3

# Triad

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



369FB3



BB81A5



9C935E

# Complementary

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



369FB3



B34A36

# 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.



B48A61



369FB3



C67E8B

# Square

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



369FB3



A188BB



C38272



7F9B69

# Rectangle

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



369FB3



6D95C7



C38272



A5905D



# Sweetspot

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



369FB3



B7E0E8



36B349



587175



F5F5F5



757575



# Same Dimension

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



369FB3



25C9E8



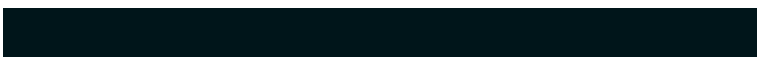
3662B3



505859



008199



00151A



# Inverse Universe

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



B3369F



E825C9



B38736



595058



990081



1A0015



# Previews

## White Background



This preview shows how the Hex color 369FB3 looks on a white background.

## Color Contrast Check

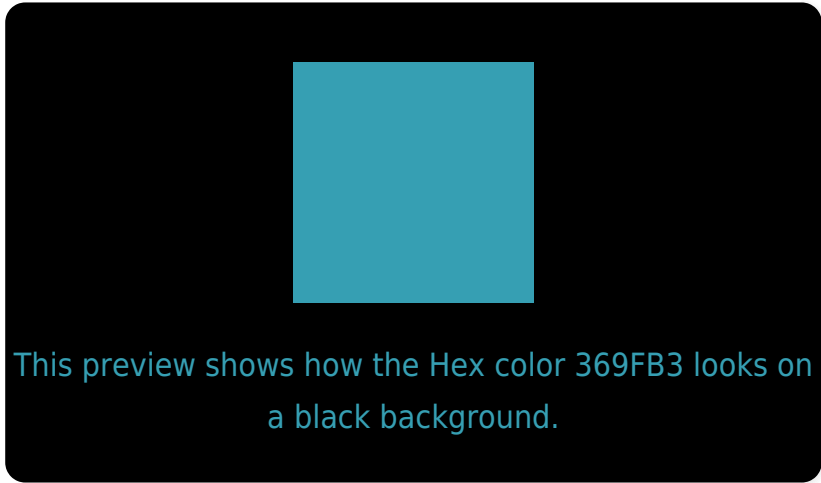
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

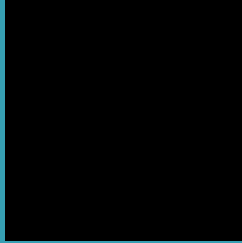
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 369FB3 Background



This preview shows how black text looks on a background with the Hex color 369FB3.

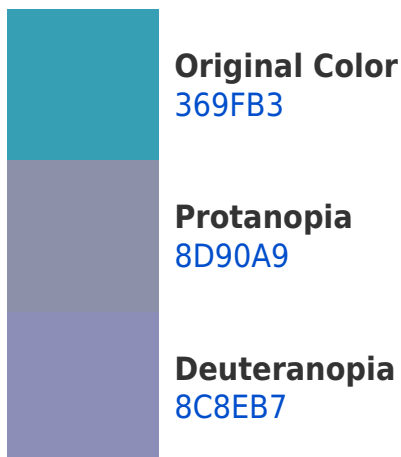


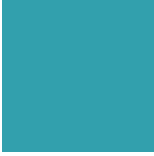
This preview shows how white text looks on a background with the Hex color 369FB3.

# 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](#).

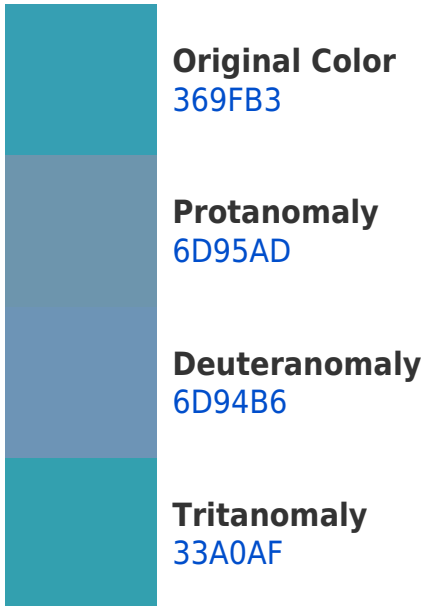
## Dichromacy





**Tritanopia**  
32A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 369FB3 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 #369FB3 looks like.

```
.text, #text, p{  
    color:#369FB3  
}
```

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 #369FB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #369FB3  
}
```

## Border

The CSS property to change the border of an element to Hex 369FB3 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  
#369FB3 }
```

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

```
.border{ border-color:#369FB3 }
```

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

Here you see how a box with a 4 pixel #369FB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #369FB3; -webkit-box-shadow:4px 4px  
4px 4px #369FB3; box-shadow:4px 4px 4px  
4px #369FB3 }
```

# Background

The CSS property to change the background color of an element to Hex 369FB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#369FB3 }
```

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

```
.background{ background-color:#369FB3 }
```

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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