

# Converting Colors

Hex(369BC0)

Have a look what the booklet for  
Hex(369BC0) contains.

<b>Hex(369BC0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(369BC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	369BC0
RGB	54, 155, 192
RGB Percent	21%, 61%, 75%
CMY	0.7882, 0.3922, 0.2471
CMYK	0.72, 0.19, 0.00, 0.25
HSL	196°, 56%, 48%
HSV	196°, 72%, 75%
XYZ	22.7571, 28.0327, 54.0806
YIQ	129.0190, -72.0730, -9.9050

# Conversions

## Conversions Part 2

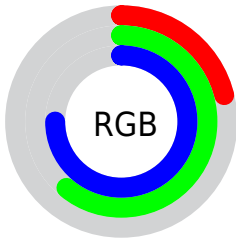
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 112, 192
Decimal	3578816
CIE <sub>Lab</sub>	59.92, -16.76, -27.49
CIE <sub>LCh</sub>	60, 32.199, 238.639
Yxy	28.0327, 0.2170, 0.2673
Android (android.graphics.Color)	4281768896 (0xFF369BC0)
YUV	129.0190, 31.0496, -65.7917
Hunter-Lab	52.9459, -15.9330, -23.4985

# Details

The Hex color **369BC0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C05B36**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **76D2F9**, and **00688A** is the 20% darker color. If you saturate the color by 10%, you get **2396C0**, and if you desaturate by 10%, it is **49A0C0**.

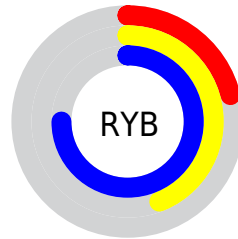
# Distribution



Red (21%)

Green (61%)

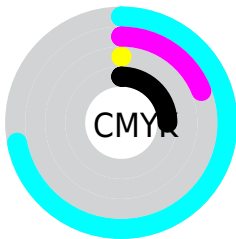
Blue (75%)



Red (21%)

Yellow (44%)

Blue (75%)

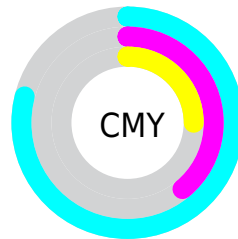


Cyan (72%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (79%)

Magenta (39%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 369BC0 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 369BC0 by changing the saturation by 10% instead.



■ 369BC0

■ 369BC0

FFFFFF

■ 0081A5

■ 76D2F9

■ 00688A

■ 94EEFF

■ 005071

■ B2FFFF

■ 003958

■ CFFFFF

■ 002341

■ EDFFFF

■ 00032B

■ 000115

■ 000000

■ 369BC0

■ 369BC0

■ 2396C0

■ 49A0C0

■ 1091C0

■ 5CA5C0

■ 008DC0

■ 70AAC0

■ 83B0C0

■ 96B5C0

■ A9BAC0

■ BCBFC0

■ D0C4C0

■ E3C9C0

# Harmonies

## Analogous

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



219FAB



369BC0



6694C9

# Triad

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



369BC0



C57B93



87975E

# Complementary

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



369BC0



C05B36

# 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.



A48E57



369BC0



C77D77

# Square

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



369BC0



B380AE



BB8461



669D72

# Rectangle

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



369BC0



848DC6



BB8461



91945A

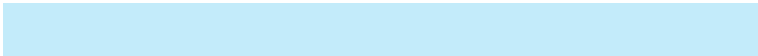


# Sweetspot

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



369BC0



C3EBFA



36C05B



5C747D



FCFCFC



7D7D7D



# Same Dimension

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



369BC0



23C0FA



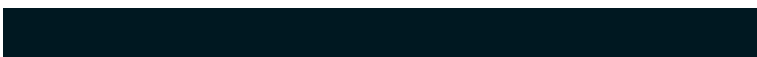
3656C0



575E61



0076A1



001821



# Inverse Universe

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



C0369B



FA23C0



C0A036



61575E



A10076



210018



# Previews

## White Background



This preview shows how the Hex color 369BC0 looks on a white background.

## Color Contrast Check

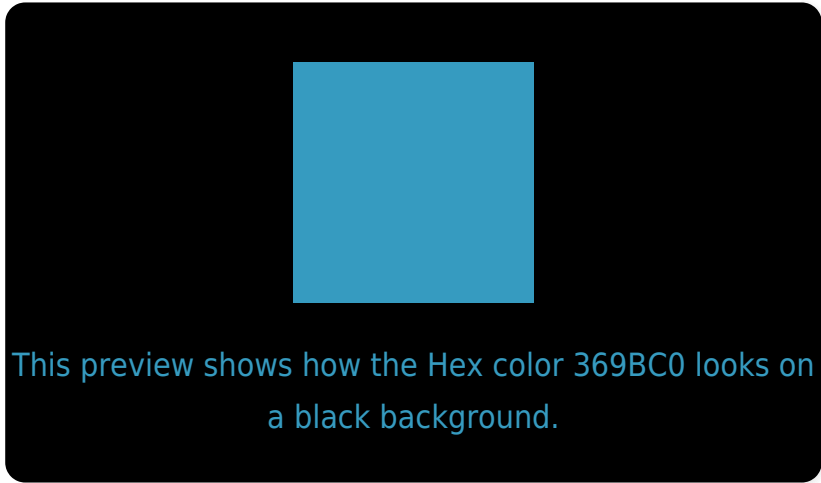
Large Text (above 18pt) WCAG AA ✓ Pass

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

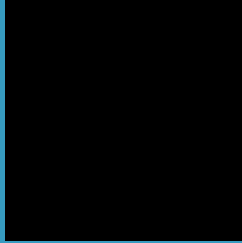
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 369BC0 Background



This preview shows how black text looks on a background with the Hex color 369BC0.



This preview shows how white text looks on a background with the Hex color 369BC0.

# Color Blindness Simulation

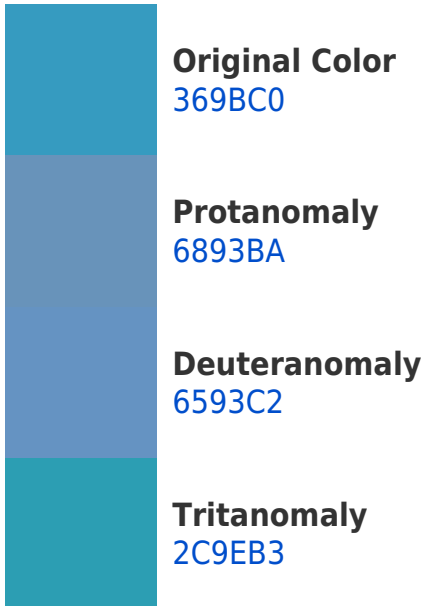
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 369BC0 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 #369BC0 looks like.

```
.text, #text, p{  
    color:#369BC0  
}
```

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 #369BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #369BC0
}
```

## Border

The CSS property to change the border of an element to Hex 369BC0 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
#369BC0 }
```

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

```
.border{ border-color:#369BC0 }
```

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

Here you see how a box with a 4 pixel #369BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #369BC0; -webkit-box-shadow:4px 4px  
4px 4px #369BC0; box-shadow:4px 4px 4px  
4px #369BC0 }
```

# Background

The CSS property to change the background color of an element to Hex 369BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#369BC0 }
```

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

```
.background{ background-color:#369BC0 }
```

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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