

# Converting Colors

Hex(368EBA)

Have a look what the booklet for  
Hex(368EBA) contains.

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# Color

**Hex(368EBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	368EBA
RGB	54, 142, 186
RGB Percent	21%, 56%, 73%
CMY	0.7882, 0.4431, 0.2706
CMYK	0.71, 0.24, 0.00, 0.27
HSL	200°, 55%, 47%
HSV	200°, 71%, 73%
XYZ	20.0572, 23.6754, 49.9671
YIQ	120.7040, -66.5720, -4.9720

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	54, 107, 186
Decimal	3575482
CIE <sub>Lab</sub>	55.76, -11.64, -30.54
CIE <sub>LCh</sub>	56, 32.682, 249.140
Y <sub>xy</sub>	23.6754, 0.2141, 0.2527
Android (android.graphics.Color)	4281765562 (0xFF368EBA)
Y <sub>UV</sub>	120.7040, 32.1909, -58.4994
Hunter-Lab	48.6574, -11.5704, -26.8256

# Details

The Hex color **368EBA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BA6236**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **75C4F2**, and **005C85** is the 20% darker color. If you saturate the color by 10%, you get **2388BA**, and if you desaturate by 10%, it is **4994BA**.

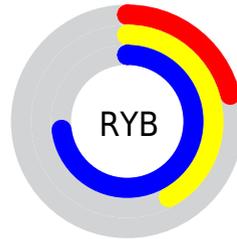
# Distribution



Red (21%)

Green (56%)

Blue (73%)



Red (21%)

Yellow (42%)

Blue (73%)

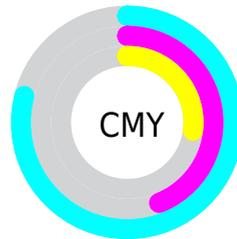


Cyan (71%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (79%)

Magenta (44%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 368EBA 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 368EBA by changing the saturation by 10% instead.



 368EBA

 368EBA

FFFFFF

 00749F

 75C4F2

 005C85

 92E0FF

 00446B

 AFFCFF

 002E53

 CDFFFF

 001A3B

 EBFFFF

 000225

 00010E

 000000

 368EBA

 368EBA

■ 2388BA

■ 4994BA

■ 1182BA

■ 5B9ABA

■ 007CBA

■ 6EA1BA

■ 80A7BA

■ 93ADBA

■ A6B3BA

■ B8B9BA

■ CBC0BA

■ DDC6BA

# Harmonies

## Analogous

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



0093A9



368EBA



6A85BD

# Triad

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



368EBA



BC6F7E



718E59

# Complementary

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



368EBA



BA6236

# 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.



90874D



368EBA



B97463

# Square

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



368EBA



B0729A



A97D51



4D9370

# Rectangle

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



368EBA



877FB7



A97D51



7C8C53



# Sweetspot

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



368EBA



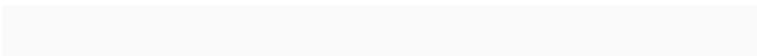
BFE1F2



36BA62



5C707A



FAFAFA



7A7A7A



# Same Dimension

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



368EBA



24AEF2



364EBA



53595C



00689C



00131C



# Inverse Universe

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



BA368E



F224AE



BAA436



5C5359



9C0068



1C0013



# Previews

## White Background



This preview shows how the Hex color 368EBA looks on a white background.

## Color Contrast Check

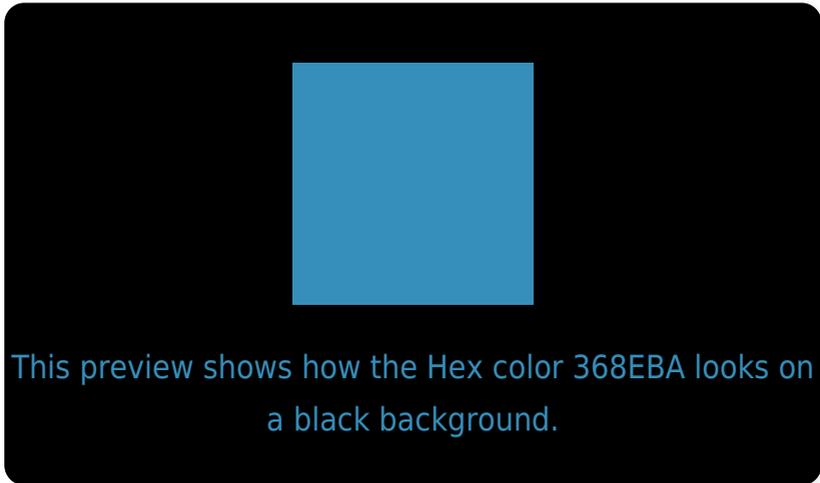
Large Text (above 18pt) WCAG AA ✓ Pass

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

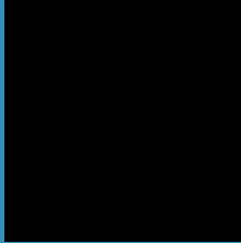
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 368EBA Background



This preview shows how black text looks on a background with the Hex color 368EBA.



This preview shows how white text looks on a background with the Hex color 368EBA.

# 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](#).

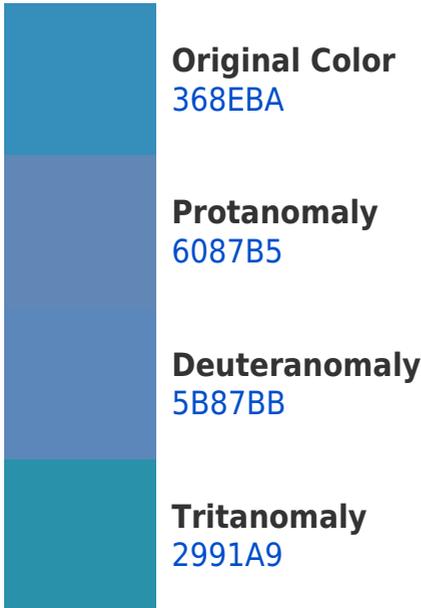
## Dichromacy





**Tritanopia**  
22939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 368EBA 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 #368EBA looks like.

```
.text, #text, p{  
    color:#368EBA  
}
```

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 #368EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368EBA
}
```

## Border

The CSS property to change the border of an element to Hex 368EBA 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
#368EBA }
```

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

```
.border{ border-color:#368EBA }
```

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

Here you see how a box with a 4 pixel #368EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368EBA; -webkit-box-shadow:4px 4px  
4px 4px #368EBA; box-shadow:4px 4px 4px  
4px #368EBA }
```

# Background

The CSS property to change the background color of an element to Hex 368EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368EBA }
```

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

```
.background{ background-color:#368EBA }
```

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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