

# Converting Colors

Hex(38A4EB)

Have a look what the booklet for  
Hex(38A4EB) contains.

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# **Color**

**Hex(38A4EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38A4EB
RGB	56, 164, 235
RGB Percent	22%, 64%, 92%
CMY	0.7804, 0.3569, 0.0784
CMYK	0.76, 0.30, 0.00, 0.08
HSL	204°, 82%, 57%
HSV	204°, 76%, 92%
XYZ	29.9017, 33.3898, 83.4662
YIQ	139.8020, -87.1590, -0.8150

# Conversions

## Conversions Part 2

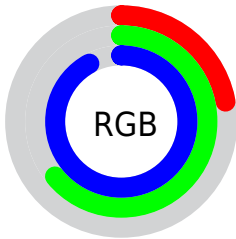
Format	Color
R <sub>Y</sub> B	56, 123, 235
Decimal	3712235
CIE Lab	64.48, -6.82, -44.29
CIE LCh	64, 44.811, 261.251
Yxy	33.3898, 0.2037, 0.2275
Android (android.graphics.Color)	4281902315 (0xFF38A4EB)
YUV	139.8020, 46.9326, -73.4944
Hunter-Lab	57.7839, -8.7526, -45.1928

# Details

The Hex color **38A4EB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **EB7F38**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7FDBFF**, and **0071B3** is the 20% darker color. If you saturate the color by 10%, you get **219BEB**, and if you desaturate by 10%, it is **4FADEB**.

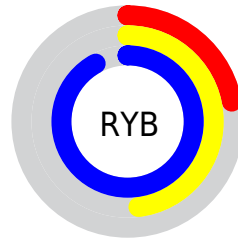
# Distribution



Red (22%)

Green (64%)

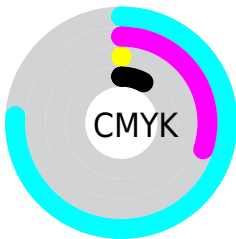
Blue (92%)



Red (22%)

Yellow (48%)

Blue (92%)

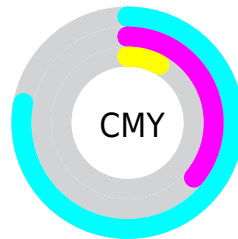


Cyan (76%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (78%)

Magenta (36%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38A4EB 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 38A4EB by changing the saturation by 10% instead.



 38A4EB

 38A4EB

FFFFFF

 008ACF

 7FDBFF

 0071B3

 9EF7FF

 005898

 BDFFFF

 00417E

 DCFFFF

 002C64

 FBFFFF

 00184C

 000534

 00021E

 000001

■ 38A4EB

■ 38A4EB

■ 219BEB

■ 4FADEB

■ 0991EB

■ 67B7EB

■ 008EEB

■ 7EC0EB

■ 96C9EB

■ AED3EB

■ C5DCEB

■ DDE5EB

■ F4EFEB

■ FFF8EB

# Harmonies

## Analogous

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



00ADDA



38A4EB



8D96E7

# Triad

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



38A4EB



E87D81



69AC69

# Complementary

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



38A4EB



EB7F38

# 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.



98A34F



38A4EB



DB885F

# Square

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



38A4EB



E17CAA



BF964C



1FB08F

# Rectangle

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



38A4EB



B38CD9



BF964C



7AA95E

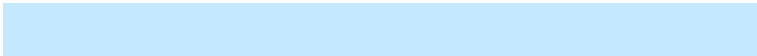


# Sweetspot

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



38A4EB



C4E8FF



38EB7D



5C7180



000000



808080



# Same Dimension

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



38A4EB



17A3FF



384DEB



6A7175



006DB5



002036



# Inverse Universe

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



EB38A4



FF17A3



EBD638



756A71



B5006D

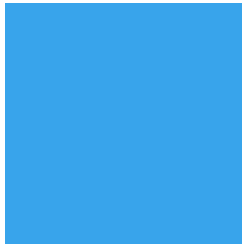


360020



# Previews

## White Background



This preview shows how the Hex color 38A4EB looks on a white background.

## Color Contrast Check

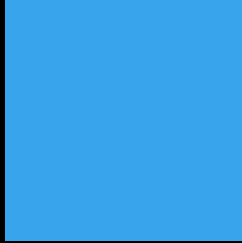
Large Text (above 18pt) WCAG AA × Fail

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 38A4EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

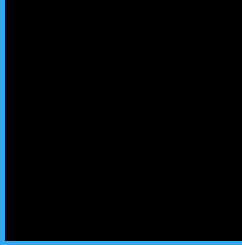
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

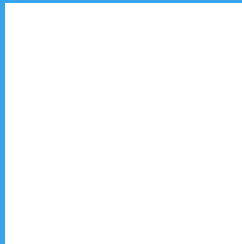
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38A4EB Background



This preview shows how black text looks on a background with the Hex color 38A4EB.



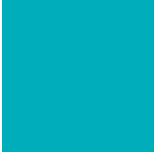
This preview shows how white text looks on a background with the Hex color 38A4EB.

# Color Blindness Simulation

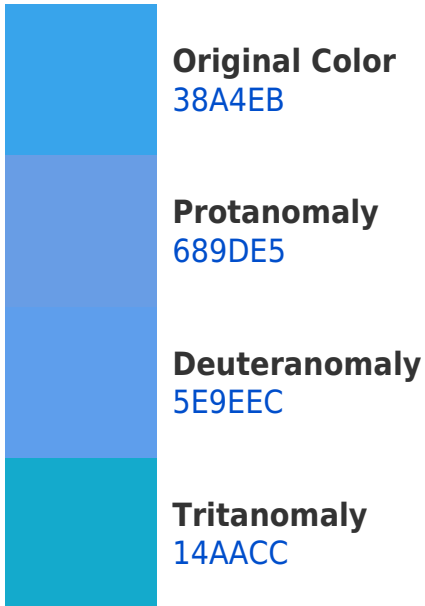
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

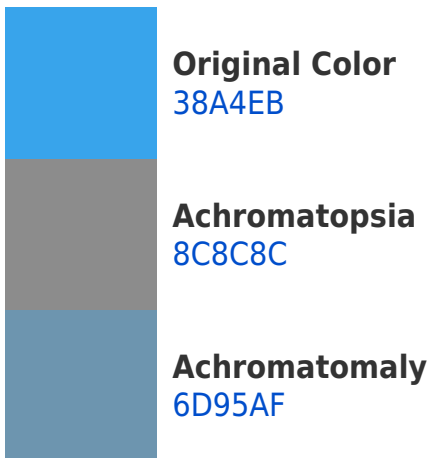




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38A4EB 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 #38A4EB looks like.

```
.text, #text, p{  
    color:#38A4EB  
}
```

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 #38A4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A4EB
}
```

## Border

The CSS property to change the border of an element to Hex 38A4EB 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
#38A4EB }
```

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

```
.border{ border-color:#38A4EB }
```

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

Here you see how a box with a 4 pixel #38A4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A4EB; -webkit-box-shadow:4px 4px  
4px 4px #38A4EB; box-shadow:4px 4px 4px  
4px #38A4EB }
```

# Background

The CSS property to change the background color of an element to Hex 38A4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A4EB }
```

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

```
.background{ background-color:#38A4EB }
```

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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