

# Converting Colors

Hex(3AF0EB)

Have a look what the booklet for  
Hex(3AF0EB) contains.

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# **Color**

**Hex(3AF0EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AF0EB
RGB	58, 240, 235
RGB Percent	23%, 94%, 92%
CMY	0.7725, 0.0588, 0.0784
CMYK	0.76, 0.00, 0.02, 0.06
HSL	178°, 86%, 58%
HSV	178°, 76%, 94%
XYZ	47.9004, 69.2179, 89.4330
YIQ	185.0120, -106.8670, -40.1390

# Conversions

## Conversions Part 2

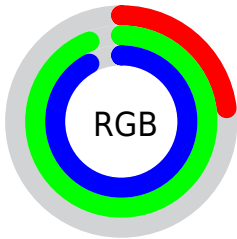
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	58, 150, 240
Decimal	3862763
CIE <sub>Lab</sub>	86.61, -44.40, -10.39
CIE <sub>LCh</sub>	87, 45.594, 193.166
Y <sub>xy</sub>	69.2179, 0.2319, 0.3351
Android (android.graphics.Color)	4282052843 (0xFF3AF0EB)
YUV	185.0120, 24.6441, -111.3895
Hunter-Lab	83.1973, -42.8248, -5.4958

# Details

The Hex color **3AF0EB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F03A3F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **86FFFF**, and **00B7B3** is the 20% darker color. If you saturate the color by 10%, you get **22F0EA**, and if you desaturate by 10%, it is **52F0EC**.

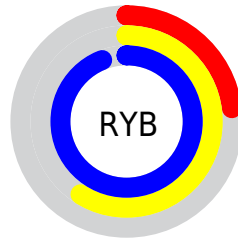
# Distribution



Red (23%)

Green (94%)

Blue (92%)



Red (23%)

Yellow (59%)

Blue (94%)

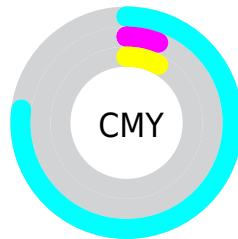


Cyan (76%)

Magenta (0%)

Yellow (2%)

Black (6%)



Cyan (77%)

Magenta (6%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AF0EB 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 3AF0EB by changing the saturation by 10% instead.



 3AF0EB

 3AF0EB

FFFFFF

 00D3CF

 86FFFF

 00B7B3

 A7FFFF

 009C99

 C7FFFF

 00817F

 E7FFFF

 006766

 004E4E

 003637

 002022

 00000B

 3AF0EB

 3AF0EB

 22F0EA

 52F0EC

 0AF0EA

 6AF0EC

 00F0E9

 82F0ED

 9AF0EE

 B2F0EE

 CAF0EF

 E2F0F0

 FAF0F0

 FFF0F1

# Harmonies

## Analogous

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



7BEEBE



3AF0EB



1BEDFF

# Triad

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



3AF0EB



F6C7FF



FFCE86

# Complementary

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



3AF0EB



F03A3F

# 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.



FFBFA0



3AF0EB



FFBAF3

# Square

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



3AF0EB



B9D7FF



FFB7C7



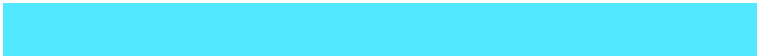
E2DC83

# Rectangle

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



3AF0EB



52E8FF



FFB7C7



FFC98D

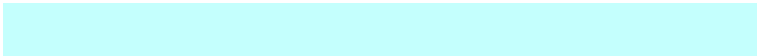


# Sweetspot

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



3AF0EB



C4FFFD



40F03A



5C807F



000000



808080



# Same Dimension

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



3AF0EB



17FFF9



3A9BF0



6C7878



00B8B3



003837



# Inverse Universe

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



F03A3F



FF171D



F08F3A



786C6C



B80005

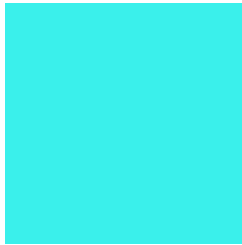


380002



# Previews

## White Background



This preview shows how the Hex color 3AF0EB looks on a white background.

## Color Contrast Check

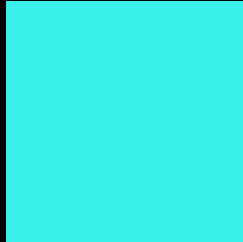
Large Text (above 18pt) WCAG AA × Fail

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 3AF0EB 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

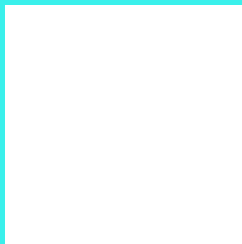
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3AF0EB Background



This preview shows how black text looks on a background with the Hex color 3AF0EB.

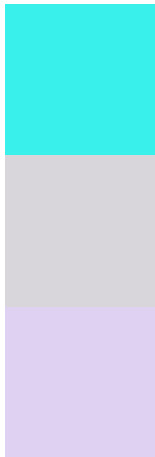


This preview shows how white text looks on a background with the Hex color 3AF0EB.

# 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



**Original Color**  
3AF0EB

**Protanopia**  
D9D6DB

**Deuteranopia**  
DFD1F2

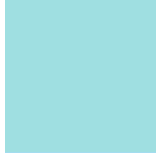


**Tritanopia**  
51ECFF

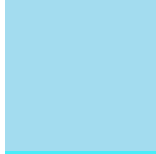
# Trichromacy



**Original Color**  
3AF0EB



**Protanomaly**  
9FDFE1

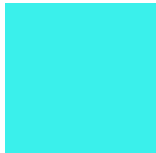


**Deuteranomaly**  
A3DCEF

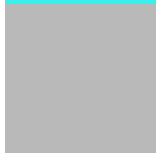


**Tritanomaly**  
49EDF8

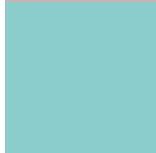
# Monochromacy



**Original Color**  
3AF0EB



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
8BCDCB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AF0EB 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 #3AF0EB looks like.

```
.text, #text, p{  
    color:#3AF0EB  
}
```

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 #3AF0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF0EB
}
```

## Border

The CSS property to change the border of an element to Hex 3AF0EB 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
#3AF0EB }
```

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

```
.border{ border-color:#3AF0EB }
```

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

Here you see how a box with a 4 pixel #3AF0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF0EB; -webkit-box-shadow:4px 4px  
4px 4px #3AF0EB; box-shadow:4px 4px 4px  
4px #3AF0EB }
```

# Background

The CSS property to change the background color of an element to Hex 3AF0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF0EB }
```

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

```
.background{ background-color:#3AF0EB }
```

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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