

# Converting Colors

Hex(36E2EB)

Have a look what the booklet for  
Hex(36E2EB) contains.

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# **Color**

**Hex(36E2EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36E2EB
RGB	54, 226, 235
RGB Percent	21%, 89%, 92%
CMY	0.7882, 0.1137, 0.0784
CMYK	0.77, 0.04, 0.00, 0.08
HSL	183°, 82%, 57%
HSV	183°, 77%, 92%
XYZ	43.7131, 61.1751, 88.1013
YIQ	175.5980, -105.4010, -33.6650

# Conversions

## Conversions Part 2

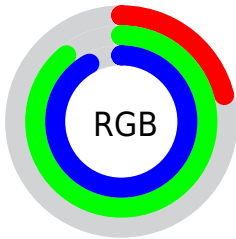
Format	Color
R <sub>YB</sub>	54, 142, 235
Decimal	3597035
CIE Lab	82.47, -38.50, -16.59
CIE LCh	82, 41.926, 203.305
Yxy	61.1751, 0.2265, 0.3170
Android (android.graphics.Color)	4281787115 (0xFF36E2EB)
YUV	175.5980, 29.2852, -106.6414
Hunter-Lab	78.2145, -37.1141, -12.0344




# Details

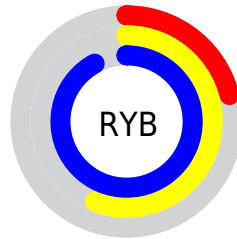
The Hex color **36E2EB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB3F36**, and the grayscale version is **AFAFAF**.




A 20% lighter version of the original color is **82FFFF**, and **00AAB3** is the 20% darker color. If you saturate the color by 10%, you get **1FE1EB**, and if you desaturate by 10%, it is **4EE3EB**.

# Distribution







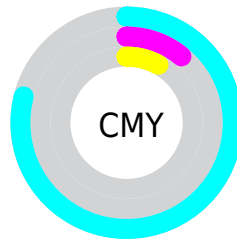
-  Red (21%)
-  Green (89%)
-  Blue (92%)






-  Red (21%)
-  Yellow (56%)
-  Blue (92%)



-  Cyan (77%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (8%)



-  Cyan (79%)
-  Magenta (11%)
-  Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36E2EB 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 36E2EB by changing the saturation by 10% instead.



 36E2EB

 36E2EB

FFFFFF

 00C6CF

 82FFFF

 00AAB3

 A3FFFF

 008F99

 C3FFFF

 00757F

 E2FFFF

 005C66

 00434E

 002D37

 001122

 000009

 36E2EB

 36E2EB

 1FE1EB

 4EE3EB

 07E0EB

 65E4EB

 00DFEB

 7CE6EB

 94E7EB

 ABE8EB

 C3E9EB

 DBEAEB

 F2EBEB

 FFEDEB

# Harmonies

## Analogous

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



68E2C3



36E2EB



44DDFF

# Triad

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



36E2EB



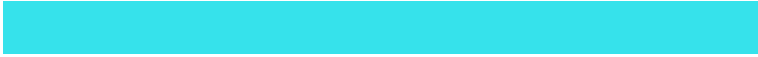
F7B8FD



EFC87F

# Complementary

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



36E2EB



EB3F36

# 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.



FFBA90



36E2EB



FFB0D8

# Square

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



36E2EB



C5C6FF



FFB0B0



C8D484

# Rectangle

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



36E2EB



6FD7FF



FFB0B0



FBC382



# Sweetspot

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



36E2EB



C4FCFF



36EB3C



5C7E80



000000

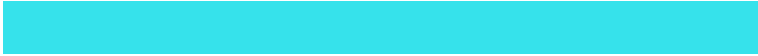


808080



# Same Dimension

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



36E2EB



14F3FF



368AEB



6A7575



00ACB5



003336



# Inverse Universe

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



EB36E2



FF14F3



EB9736



756A75



B500AC

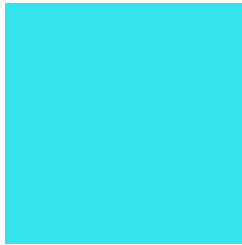


360033



# Previews

## White Background



This preview shows how the Hex color 36E2EB looks on a white background.

## Color Contrast Check

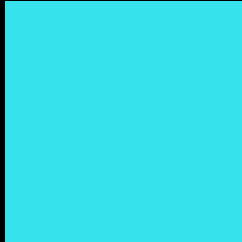
Large Text (above 18pt) WCAG AA × Fail

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 36E2EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

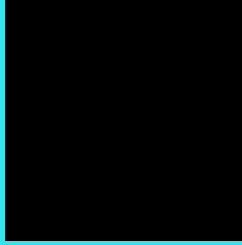
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 36E2EB Background



This preview shows how black text looks on a background with the Hex color 36E2EB.

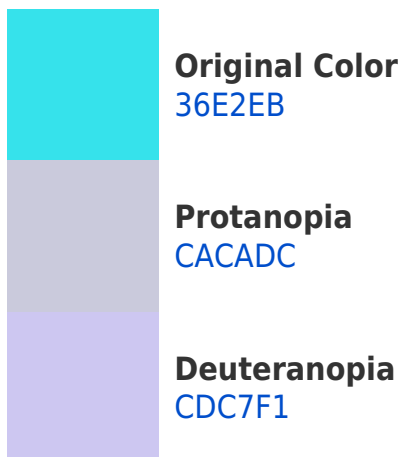


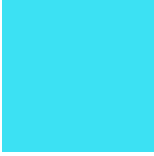
This preview shows how white text looks on a background with the Hex color 36E2EB.

# 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



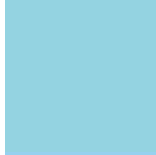


**Tritanopia**  
3CE1F3

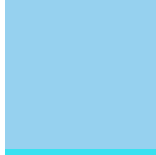
# Trichromacy



**Original Color**  
36E2EB



**Protanomaly**  
94D3E1



**Deuteranomaly**  
96D1EF

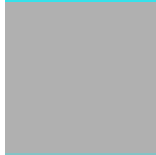


**Tritanomaly**  
3AE1F0

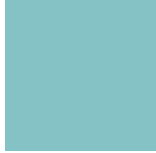
# Monochromacy



**Original Color**  
36E2EB



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
84C2C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36E2EB 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 #36E2EB looks like.

```
.text, #text, p{  
    color:#36E2EB  
}
```

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 #36E2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36E2EB
}
```

## Border

The CSS property to change the border of an element to Hex 36E2EB 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
#36E2EB }
```

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

```
.border{ border-color:#36E2EB }
```

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

Here you see how a box with a 4 pixel #36E2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36E2EB; -webkit-box-shadow:4px 4px  
4px 4px #36E2EB; box-shadow:4px 4px 4px  
4px #36E2EB }
```

# Background

The CSS property to change the background color of an element to Hex 36E2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36E2EB }
```

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

```
.background{ background-color:#36E2EB }
```

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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