

# Converting Colors

Hex(34E4ED)

Have a look what the booklet for  
Hex(34E4ED) contains.

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# **Color**

**Hex(34E4ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34E4ED
RGB	52, 228, 237
RGB Percent	20%, 89%, 93%
CMY	0.7961, 0.1059, 0.0706
CMYK	0.78, 0.04, 0.00, 0.07
HSL	183°, 84%, 57%
HSV	183°, 78%, 93%
XYZ	44.4456, 62.3313, 89.8094
YIQ	176.4020, -107.7850, -34.5130

# Conversions

## Conversions Part 2

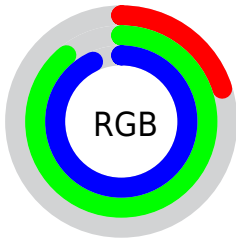
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 142, 237
Decimal	3466477
CIELab	83.09, -39.02, -16.72
CIELCh	83, 42.450, 203.197
Yxy	62.3313, 0.2261, 0.3171
Android (android.graphics.Color)	4281656557 (0xFF34E4ED)
YUV	176.4020, 29.8748, -109.1006
Hunter-Lab	78.9502, -37.6748, -12.1799

# Details

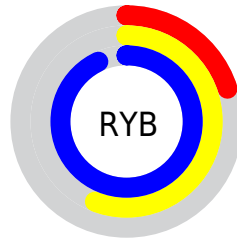
The Hex color **34E4ED** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **ED3D34**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **82FFFF**, and **00ACB5** is the 20% darker color. If you saturate the color by 10%, you get **1CE3ED**, and if you desaturate by 10%, it is **4CE5ED**.

# Distribution



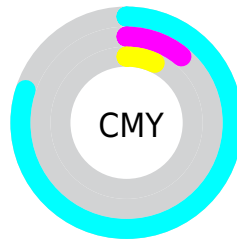
- Red (20%)
- Green (89%)
- Blue (93%)



- Red (20%)
- Yellow (56%)
- Blue (93%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (80%)
- Magenta (11%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34E4ED 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 34E4ED by changing the saturation by 10% instead.



 34E4ED

 34E4ED

FFFFFF

 00C8D1

 82FFFF

 00ACB5

 A3FFFF

 00919A

 C3FFFF

 007780

 E2FFFF

 005D67

 00454F

 002E38

 001423

 00000C

 34E4ED

 34E4ED

 1CE3ED

 4CE5ED

 05E2ED

 63E6ED

 00E1ED

 7BE7ED

 93E9ED

 ABEAED

 C2EBED

 DAECED

 F2EDED

 FFEEED

# Harmonies

## Analogous

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



68E4C4



34E4ED



43DFFF

# Triad

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



34E4ED



F9BAFF



F2C97F

# Complementary

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



34E4ED



ED3D34

# 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.



FFBC90



34E4ED



FFB1DA

# Square

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



34E4ED



C7C8FF



FFB2B1



CAD684

# Rectangle

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



34E4ED



6FD9FF



FFB2B1



FDC583



# Sweetspot

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



34E4ED



C4FCFF



34ED3A



5C7E80



000000



808080



# Same Dimension

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



34E4ED



0FF3FF



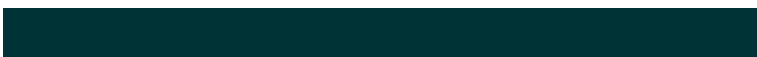
348AED



6A7575



00ACB5



003336



# Inverse Universe

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



ED34E4



FF0FF3



ED9734



756A75



B500AC

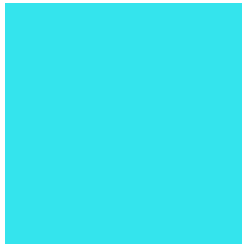


360033



# Previews

## White Background



This preview shows how the Hex color 34E4ED looks on a white background.

## Color Contrast Check

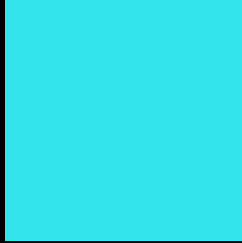
Large Text (above 18pt) WCAG AA × Fail

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 34E4ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

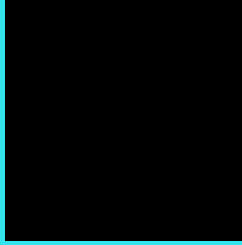
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34E4ED Background



This preview shows how black text looks on a background with the Hex color 34E4ED.

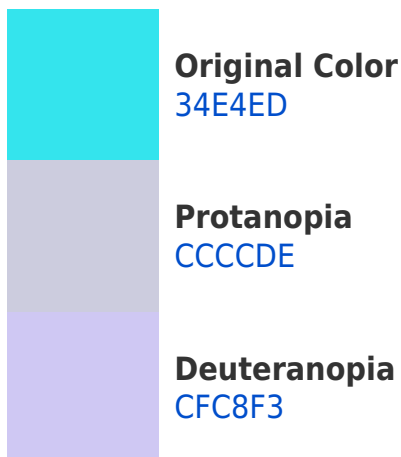


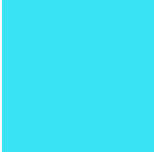
This preview shows how white text looks on a background with the Hex color 34E4ED.

# 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



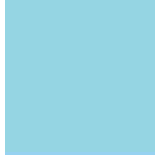


**Tritanopia**  
3BE3F5

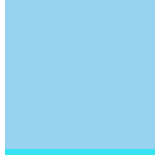
# Trichromacy



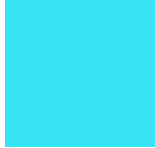
**Original Color**  
34E4ED



**Protanomaly**  
95D5E3



**Deuteranomaly**  
97D2F1

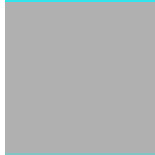


**Tritanomaly**  
38E3F2

# Monochromacy



**Original Color**  
34E4ED



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
83C3C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34E4ED 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 #34E4ED looks like.

```
.text, #text, p{  
    color:#34E4ED  
}
```

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 #34E4ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E4ED
}
```

## Border

The CSS property to change the border of an element to Hex 34E4ED 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
#34E4ED }
```

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

```
.border{ border-color:#34E4ED }
```

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

Here you see how a box with a 4 pixel #34E4ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E4ED; -webkit-box-shadow:4px 4px  
4px 4px #34E4ED; box-shadow:4px 4px 4px  
4px #34E4ED }
```

# Background

The CSS property to change the background color of an element to Hex 34E4ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E4ED }
```

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

```
.background{ background-color:#34E4ED }
```

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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