

# Converting Colors

Hex(34F2ED)

Have a look what the booklet for  
Hex(34F2ED) contains.

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**Color**

**Hex(34F2ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34F2ED
RGB	52, 242, 237
RGB Percent	20%, 95%, 93%
CMY	0.7961, 0.0510, 0.0706
CMYK	0.79, 0.00, 0.02, 0.05
HSL	178°, 88%, 58%
HSV	178°, 79%, 95%
XYZ	48.4544, 70.3488, 91.1456
YIQ	184.6200, -111.6350, -41.8350

# Conversions

## Conversions Part 2

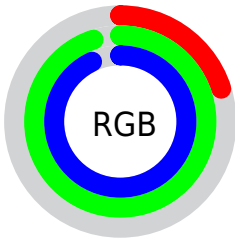
Format	Color
R <sub>YB</sub>	52, 148, 242
Decimal	3470061
CIE Lab	87.17, -45.26, -10.61
CIE LCh	87, 46.491, 193.198
Yxy	70.3488, 0.2308, 0.3351
Android (android.graphics.Color)	4281660141 (0xFF34F2ED)
YUV	184.6200, 25.8233, -116.3077
Hunter-Lab	83.8742, -43.6598, -5.7182

# Details

The Hex color **34F2ED** 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 **F23439**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **84FFFF**, and **00B9B5** is the 20% darker color. If you saturate the color by 10%, you get **1CF2EC**, and if you desaturate by 10%, it is **4CF2EE**.

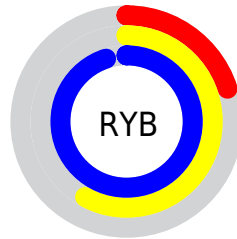
# Distribution



Red (20%)

Green (95%)

Blue (93%)



Red (20%)

Yellow (58%)

Blue (95%)

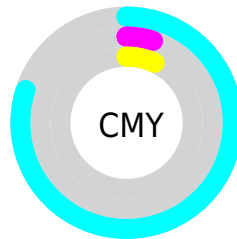


Cyan (79%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (80%)

Magenta (5%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34F2ED 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 34F2ED by changing the saturation by 10% instead.



 34F2ED

 34F2ED

FFFFFF

 00D5D1

 84FFFF

 00B9B5

 A5FFFF

 009E9A

 C5FFFF

 008380

 E5FFFF

 006967

 00504F

 003739

 002223

 00010E

 34F2ED

 34F2ED

 1CF2EC

 4CF2EE

 04F2EC

 64F2EE

 00F2EC

 7DF2EF

 95F2F0

 ADF2F0

 C5F2F1

 DDF2F1

 F6F2F2

 FFF2F3

# Harmonies

## Analogous

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



7AF0BF



34F2ED



03EFFF

# Triad

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



34F2ED



F8C8FF



FFCF86

# Complementary

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



34F2ED



F23439

# 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.



FFC0A0



34F2ED



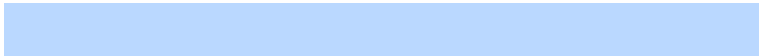
FFBBF5

# Square

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



34F2ED



BAD8FF



FFB8C8



E4DE83

# Rectangle

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



34F2ED



4EE9FF



FFB8C8



FFCA8C

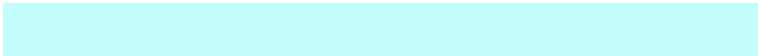


# Sweetspot

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



34F2ED



C2FFFD



3AF234



5B807F



000000



808080



# Same Dimension

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



34F2ED



0FFFF9



3499F2



6C7878



00B8B3



003837



# Inverse Universe

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



F23439



FF0F16



F28D34



786C6C



B80005

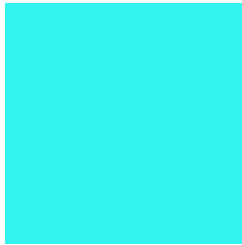


380001



# Previews

## White Background



This preview shows how the Hex color 34F2ED looks on a white background.

## Color Contrast Check

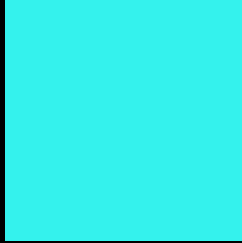
Large Text (above 18pt) WCAG AA × Fail

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 34F2ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

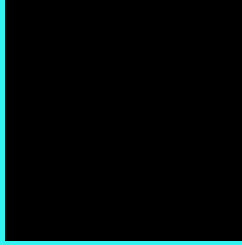
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34F2ED Background



This preview shows how black text looks on a background with the Hex color 34F2ED.

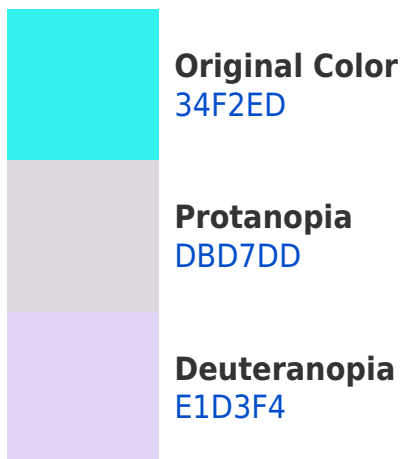


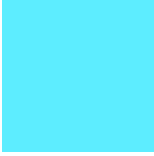
This preview shows how white text looks on a background with the Hex color 34F2ED.

# 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**  
5DEDFE

# Trichromacy



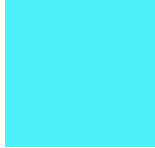
**Original Color**  
34F2ED



**Protanomaly**  
9EE1E3



**Deuteranomaly**  
A2DEF1

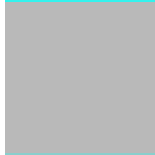


**Tritanomaly**  
4EEFF8

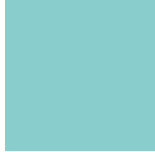
# Monochromacy



**Original Color**  
34F2ED



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
89CECC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34F2ED 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 #34F2ED looks like.

```
.text, #text, p{  
    color:#34F2ED  
}
```

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 #34F2ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34F2ED
}
```

## Border

The CSS property to change the border of an element to Hex 34F2ED 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
#34F2ED }
```

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

```
.border{ border-color:#34F2ED }
```

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

Here you see how a box with a 4 pixel #34F2ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34F2ED; -webkit-box-shadow:4px 4px  
4px 4px #34F2ED; box-shadow:4px 4px 4px  
4px #34F2ED }
```

# Background

The CSS property to change the background color of an element to Hex 34F2ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34F2ED }
```

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

```
.background{ background-color:#34F2ED }
```

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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