

Converting Colors

Hex(3EE4F4)

Have a look what the booklet for
Hex(3EE4F4) contains.

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Color

Hex(3EE4F4)

Conversions

Conversions Part 1

Format	Color
Hex	3EE4F4
RGB	62, 228, 244
RGB Percent	24%, 89%, 96%
CMY	0.7569, 0.1059, 0.0431
CMYK	0.75, 0.07, 0.00, 0.04
HSL	185°, 89%, 60%
HSV	185°, 75%, 96%
XYZ	46.0591, 63.0426, 95.3288
YIQ	180.1900, -104.0720, -30.2160

Conversions

Conversions Part 2

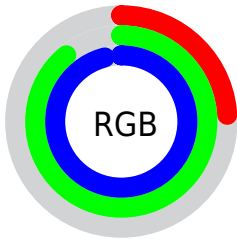
Format	Color
RYB	62, 149, 244
Decimal	4121844
CIELab	83.46, -36.00, -19.84
CIELCh	83, 41.101, 208.862
Yxy	63.0426, 0.2253, 0.3084
Android (android.graphics.Color)	4282311924 (0xFF3EE4F4)
YUV	180.1900, 31.4583, -103.6526
Hunter-Lab	79.3994, -35.4020, -15.6055

Details

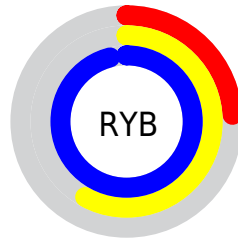
The Hex color **3EE4F4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F44E3E**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **88FFFF**, and **00ACBC** is the 20% darker color. If you saturate the color by 10%, you get **26E2F4**, and if you desaturate by 10%, it is **56E6F4**.

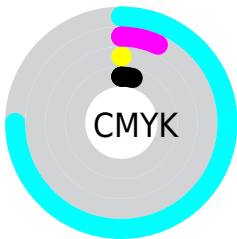
Distribution



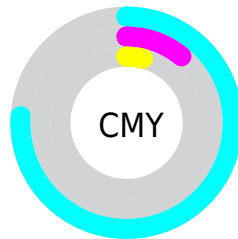
- Red (24%)
- Green (89%)
- Blue (96%)



- Red (24%)
- Yellow (58%)
- Blue (96%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (76%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EE4F4 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 3EE4F4 by changing the saturation by 10% instead.

 3EE4F4

 3EE4F4

FFFFFF

 00C8D8

 88FFFF

 00ACBC

 A9FFFF

 0091A1

 C8FFFF

 007787

 E8FFFF

 005E6D

 004555

 002E3E

 001628

 000113

 3EE4F4

 3EE4F4

 26E2F4

 56E6F4

 0DE0F4

 6FE8F4

 00DFF4

 87EAF4

 A0EDF4

 B8EFF4

 D0F1F4

 E9F3F4

 FFF5F4

 FFF7F4

Harmonies

Analogous

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



64E5CD



3EE4F4



59DEFF

Triad

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



3EE4F4



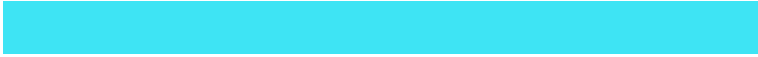
FFB9F9



EBCD82

Complementary

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



3EE4F4



F44E3E

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.



FFC08F



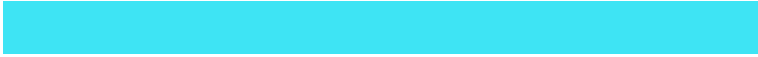
3EE4F4



FFB2D3

Square

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



3EE4F4



D3C7FF



FFB5AD



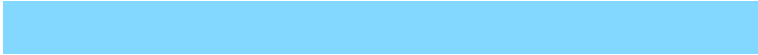
C3D98B

Rectangle

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



3EE4F4



82D8FF



FFB5AD



F7C984

Sweetspot

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



3EE4F4



C7FAFF



3EF44D



5E7D80



000000



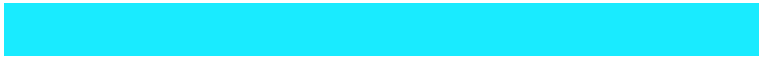
808080

Same Dimension

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



3EE4F4



19EBFF



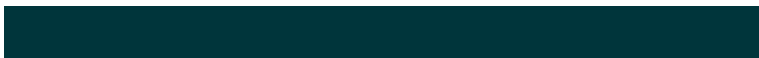
3E8AF4



6E797A



00AABA



00353B

Inverse Universe

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



F43EE4



FF19EB



F4A83E



7A6E79



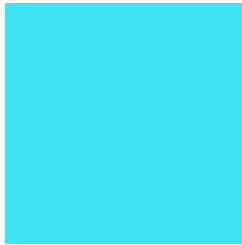
BA00AA



3B0035

Previews

White Background



This preview shows how the Hex color 3EE4F4 looks on a white background.

Color Contrast Check

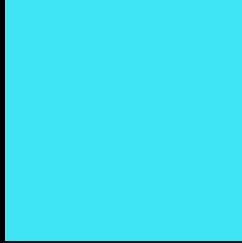
Large Text (above 18pt) WCAG AA × Fail

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 3EE4F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

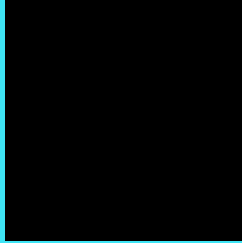
Any Text WCAG AA ✓ Pass

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 3EE4F4 Background



This preview shows how black text looks on a background with the Hex color 3EE4F4.

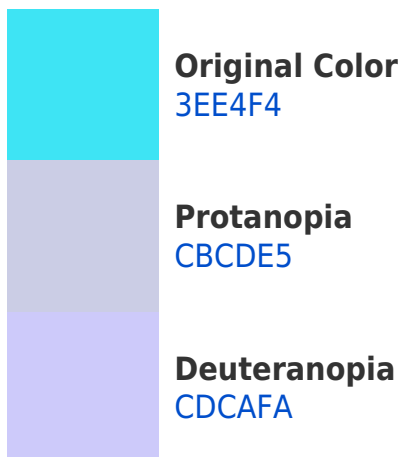


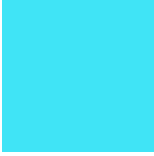
This preview shows how white text looks on a background with the Hex color 3EE4F4.

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



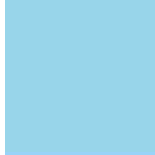


Tritanopia
40E4F6

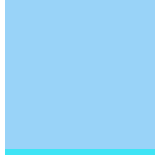
Trichromacy



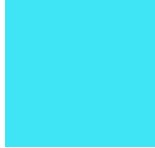
Original Color
3EE4F4



Protanomaly
98D5EA



Deuteranomaly
99D3F8

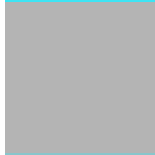


Tritanomaly
3FE4F5

Monochromacy



Original Color
3EE4F4



Achromatopsia
B4B4B4



Achromatomaly
89C5CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EE4F4 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 #3EE4F4 looks like.

```
.text, #text, p{  
    color:#3EE4F4  
}
```

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 #3EE4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EE4F4  
}
```

Border

The CSS property to change the border of an element to Hex 3EE4F4 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  
#3EE4F4 }
```

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

```
.border{ border-color:#3EE4F4 }
```

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

Here you see how a box with a 4 pixel #3EE4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EE4F4; -webkit-box-shadow:4px 4px  
4px 4px #3EE4F4; box-shadow:4px 4px 4px  
4px #3EE4F4 }
```

Background

The CSS property to change the background color of an element to Hex 3EE4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EE4F4 }
```

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

```
.background{ background-color:#3EE4F4 }
```

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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