

Converting Colors

Hex(34EFC3)

Have a look what the booklet for
Hex(34EFC3) contains.

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Color

Hex(34EFC3)

Conversions

Conversions Part 1

Format	Color
Hex	34EFC3
RGB	52, 239, 195
RGB Percent	20%, 94%, 76%
CMY	0.7961, 0.0627, 0.2353
CMYK	0.78, 0.00, 0.18, 0.06
HSL	166°, 85%, 57%
HSV	166°, 78%, 94%
XYZ	42.1330, 66.4032, 62.2262
YIQ	178.0710, -97.3280, -53.3280

Conversions

Conversions Part 2

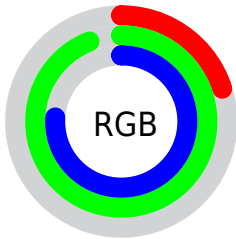
Format	Color
RYB	52, 158, 239
Decimal	3469251
CIELab	85.20, -54.97, 8.51
CIELCh	85, 55.630, 171.197
Yxy	66.4032, 0.2467, 0.3889
Android (android.graphics.Color)	4281659331 (0xFF34EFC3)
YUV	178.0710, 8.3460, -110.5643
Hunter-Lab	81.4882, -50.3118, 11.7665

Details

The Hex color **34EFC3** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **EF3460**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **80FFFC**, and **00B68D** is the 20% darker color. If you saturate the color by 10%, you get **1CEFBD**, and if you desaturate by 10%, it is **4CEFC9**.

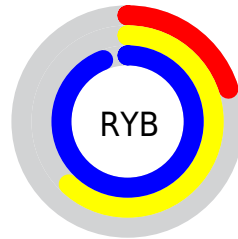
Distribution



Red (20%)

Green (94%)

Blue (76%)



Red (20%)

Yellow (62%)

Blue (94%)

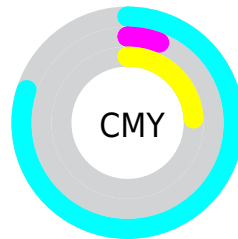


Cyan (78%)

Magenta (0%)

Yellow (18%)

Black (6%)



Cyan (80%)

Magenta (6%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34EFC3 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 34EFC3 by changing the saturation by 10% instead.

 34EFC3

FFFFFF

 80FFFC

 A1FFFF


 C0FFFF

 E0FFFF

 34EFC3

 00D2A8

 00B68D

 009A74

 007F5B

 006544

 004C2E

 003419

 001B00

 000000

 34EFC3

 34EFC3

 1CEFB8

 4CEFC9

 04EFB8

 64EFCE

 00EFB7

 7CEFD4

 94EFD9

 ABEFDF

 C3EFE5

 DBEFEA

 F3EFF0

 FFEFF6

Harmonies

Analogous

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



92E991



34EFC3



00F0F9

Triad

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



34EFC3



C1CDFF



FFBA85

Complementary

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



34EFC3



EF3460

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.



FFABB2



34EFC3



FFB9FF

Square

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



34EFC3



53DFFF



FFABE7



FFCD6B

Rectangle

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



34EFC3



00EDFF



FFABE7



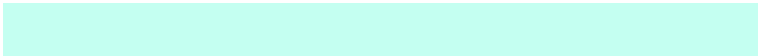
FFB492

Sweetspot

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



34EFC3



C4FFF1



63EF34



5C8077



000000



808080

Same Dimension

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



34EFC3



0FFFC7



34C0EF



6C7875



00B88C



00382B

Inverse Universe

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



EF3460



FF0F48



EF6334



786C6F



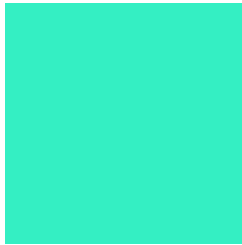
B8002B



38000D

Previews

White Background



This preview shows how the Hex color 34EFC3 looks on a white background.

Color Contrast Check

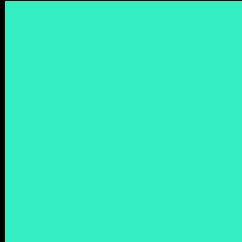
Large Text (above 18pt) WCAG AA × Fail

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 34EFC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

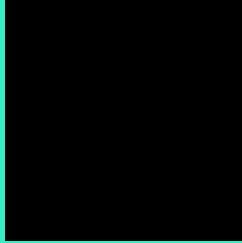
Any Text WCAG AA ✓ Pass

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 34EFC3 Background



This preview shows how black text looks on a background with the Hex color 34EFC3.

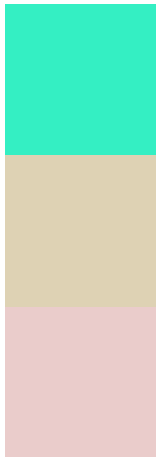


This preview shows how white text looks on a background with the Hex color 34EFC3.

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
34EFC3

Protanopia
DED2B4

Deuteranopia
EACCCB



Tritanopia
55E7FA

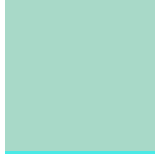
Trichromacy



Original Color
34EFC3



Protanomaly
A0DDB9



Deuteranomaly
A8D9C8

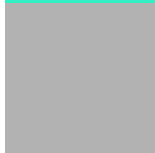


Tritanomaly
49EAE6

Monochromacy



Original Color
34EFC3



Achromatopsia
B2B2B2



Achromatomaly
84C8B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 34EFC3 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 #34EFC3 looks like.

```
.text, #text, p{  
    color:#34EFC3  
}
```

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 #34EFC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34EFC3
}
```

Border

The CSS property to change the border of an element to Hex 34EFC3 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
#34EFC3 }
```

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

```
.border{ border-color:#34EFC3 }
```

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

Here you see how a box with a 4 pixel #34EFC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34EFC3; -webkit-box-shadow:4px 4px  
4px 4px #34EFC3; box-shadow:4px 4px 4px  
4px #34EFC3 }
```

Background

The CSS property to change the background color of an element to Hex 34EFC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34EFC3 }
```

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

```
.background{ background-color:#34EFC3 }
```

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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