

Converting Colors

Hex(34C6F3)

Have a look what the booklet for
Hex(34C6F3) contains.

Hex(34C6F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34C6F3)

Conversions

Conversions Part 1

Format	Color
Hex	34C6F3
RGB	52, 198, 243
RGB Percent	20%, 78%, 95%
CMY	0.7961, 0.2235, 0.0471
CMYK	0.79, 0.19, 0.00, 0.05
HSL	194°, 89%, 58%
HSV	194°, 79%, 95%
XYZ	37.7879, 47.5893, 91.9880
YIQ	159.4760, -101.4610, -16.9570

Conversions

Conversions Part 2

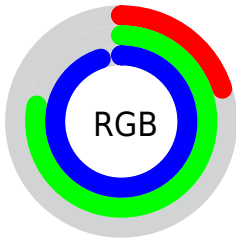
Format	Color
R _Y B	52, 135, 243
Decimal	3458803
CIE Lab	74.57, -22.71, -32.92
CIE LCh	75, 39.996, 235.400
Yxy	47.5893, 0.2131, 0.2683
Android (android.graphics.Color)	4281648883 (0xFF34C6F3)
YUV	159.4760, 41.1773, -94.2565
Hunter-Lab	68.9850, -22.9468, -30.7708

Details

The Hex color **34C6F3** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F36134**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **80FFFF**, and **0090BB** is the 20% darker color. If you saturate the color by 10%, you get **1CC0F3**, and if you desaturate by 10%, it is **4CCCCF3**.

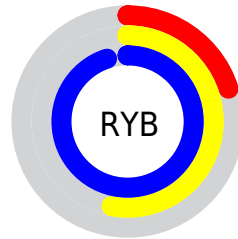
Distribution



Red (20%)

Green (78%)

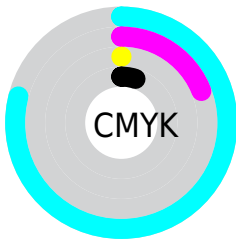
Blue (95%)



Red (20%)

Yellow (53%)

Blue (95%)

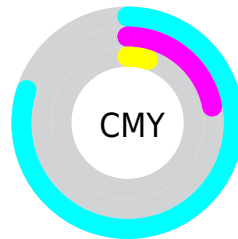


Cyan (79%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34C6F3 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 34C6F3 by changing the saturation by 10% instead.

 34C6F3

 34C6F3

FFFFFF

 00ABD6

 80FFFF

 0090BB

 A0FFFF

 0076A0

 BFFFFFF

 005D85

 DFFFFFF

 00466C

FEFFFF

 002F53

 001C3C

 000226

 00010F

 34C6F3

 34C6F3

 1CC0F3

 4CCCCF3

 03BBF3

 65D1F3

 00BAF3

 7DD7F3

 95DDF3

 ADE3F3

 C6E8F3

 DEEEF3

 F6F4F3

 FFFAF3

Harmonies

Analogous

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



1ACBD6



34C6F3



78BDFE

Triad

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



34C6F3



FA9BBF



B0BF74

Complementary

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



34C6F3



F36134

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.



D5B36E



34C6F3



FF9D9A

Square

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



34C6F3



E0A3E2



F1A77C



84C78C

Rectangle

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



34C6F3



A1B5FE



F1A77C



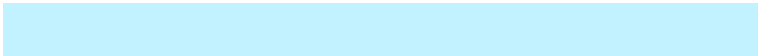
BDBB6F

Sweetspot

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



34C6F3



C2F1FF



34F361



5B7780



000000



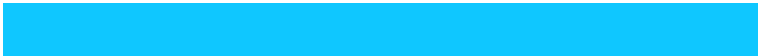
808080

Same Dimension

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



34C6F3



0FC7FF



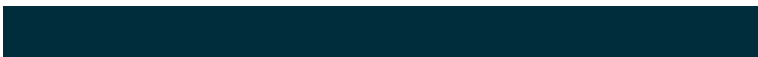
3467F3



6E787A



008EBA



002D3B

Inverse Universe

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



F334C6



FF0FC7



F3C034



7A6E78



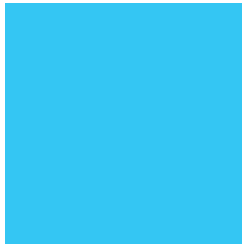
BA008E



3B002D

Previews

White Background



This preview shows how the Hex color 34C6F3 looks on a white background.

Color Contrast Check

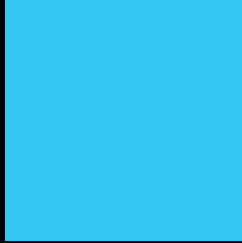
Large Text (above 18pt) WCAG AA × Fail

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 34C6F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

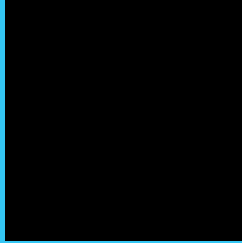
Any Text WCAG AA ✓ Pass

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 34C6F3 Background



This preview shows how black text looks on a background with the Hex color 34C6F3.

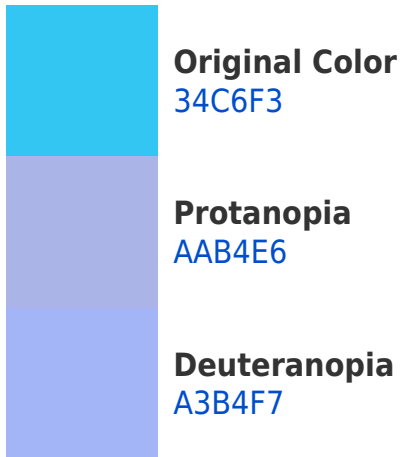


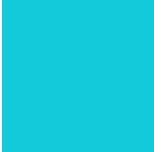
This preview shows how white text looks on a background with the Hex color 34C6F3.

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](#).

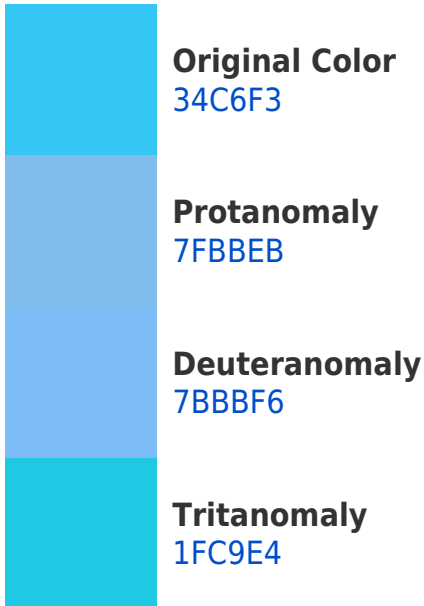
Dichromacy





Tritanopia
13CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34C6F3 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 #34C6F3 looks like.

```
.text, #text, p{  
    color:#34C6F3  
}
```

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 #34C6F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C6F3
}
```

Border

The CSS property to change the border of an element to Hex 34C6F3 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
#34C6F3 }
```

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

```
.border{ border-color:#34C6F3 }
```

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

Here you see how a box with a 4 pixel #34C6F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C6F3; -webkit-box-shadow:4px 4px  
4px 4px #34C6F3; box-shadow:4px 4px 4px  
4px #34C6F3 }
```

Background

The CSS property to change the background color of an element to Hex 34C6F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C6F3 }
```

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

```
.background{ background-color:#34C6F3 }
```

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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