

# Converting Colors

Hex(34D6F7)

Have a look what the booklet for  
Hex(34D6F7) contains.

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# **Color**

**Hex(34D6F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34D6F7
RGB	52, 214, 247
RGB Percent	20%, 84%, 97%
CMY	0.7961, 0.1608, 0.0314
CMYK	0.79, 0.13, 0.00, 0.03
HSL	190°, 92%, 59%
HSV	190°, 79%, 97%
XYZ	42.2512, 55.5386, 96.4888
YIQ	169.3240, -107.1450, -24.0810

# Conversions

## Conversions Part 2

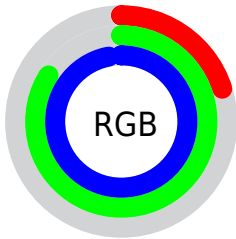
Format	Color
R <sub>YB</sub>	52, 140, 247
Decimal	3462903
CIE Lab	79.35, -29.40, -27.71
CIE LCh	79, 40.396, 223.303
Yxy	55.5386, 0.2175, 0.2859
Android (android.graphics.Color)	4281652983 (0xFF34D6F7)
YUV	169.3240, 38.2943, -102.8931
Hunter-Lab	74.5242, -29.2175, -24.5977

# Details

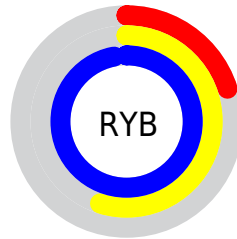
The Hex color **34D6F7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F75534**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **82FFFF**, and **009FBF** is the 20% darker color. If you saturate the color by 10%, you get **1BD2F7**, and if you desaturate by 10%, it is **4DDAF7**.

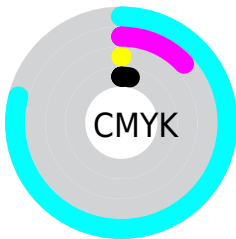
# Distribution



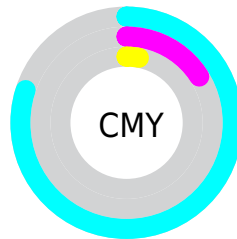
- Red (20%)
- Green (84%)
- Blue (97%)



- Red (20%)
- Yellow (55%)
- Blue (97%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (80%)
- Magenta (16%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34D6F7 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 34D6F7 by changing the saturation by 10% instead.



 34D6F7

 34D6F7

FFFFFF

 00BADA

 82FFFF

 009FBF

 A2FFFF

 0085A3


 C2FFFF

 006B89

 E2FFFF

 005270

 003B57

 00263F

 00032A

 000114

■ 34D6F7

■ 34D6F7

■ 1BD2F7

■ 4DDAF7

■ 03CEF7

■ 65DEF7

■ 00CDF7

■ 7EE3F7

■ 97E7F7

■ B0EBF7

■ C8EFF7

■ E1F3F7

■ FAF7F7

■ FFFCF7

# Harmonies

## Analogous

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



43D9D5



34D6F7



6BCEFF

# Triad

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



34D6F7



FFAADB



CDC87A

# Complementary

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



34D6F7



F75534

# 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.



F0BB7D



34D6F7



FFA8B5

# Square

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



34D6F7



DEB5FC



FFAF93



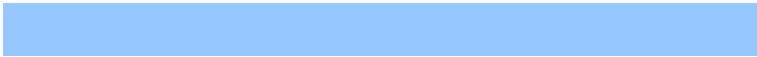
A3D18D

# Rectangle

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



34D6F7



96C7FF



FFAF93



DAC479

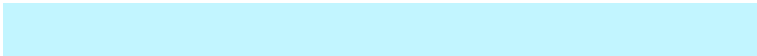


# Sweetspot

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



34D6F7



C2F5FF



34F755



5B7980



000000



808080

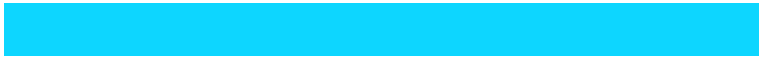


# Same Dimension

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



34D6F7



0DD6FF



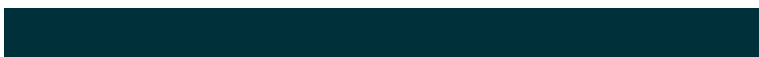
3475F7



6E787A



009BBA



00313B



# Inverse Universe

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



F734D6



FF0DD6



F7B634



7A6E78



BA009B

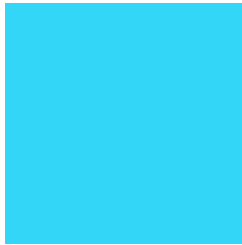


3B0031



# Previews

## White Background



This preview shows how the Hex color 34D6F7 looks on a white background.

## Color Contrast Check

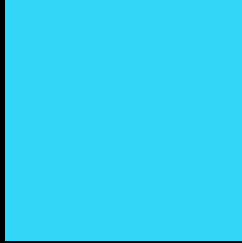
Large Text (above 18pt) WCAG AA × Fail

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 34D6F7 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 34D6F7 Background



This preview shows how black text looks on a background with the Hex color 34D6F7.

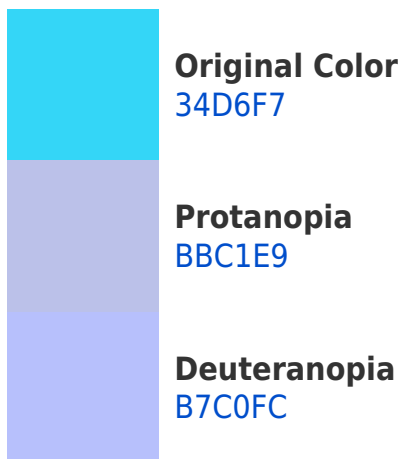


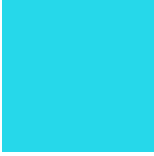
This preview shows how white text looks on a background with the Hex color 34D6F7.

# 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](#).

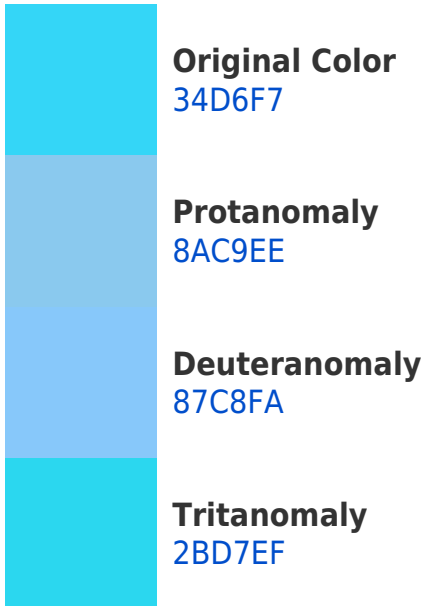
## Dichromacy



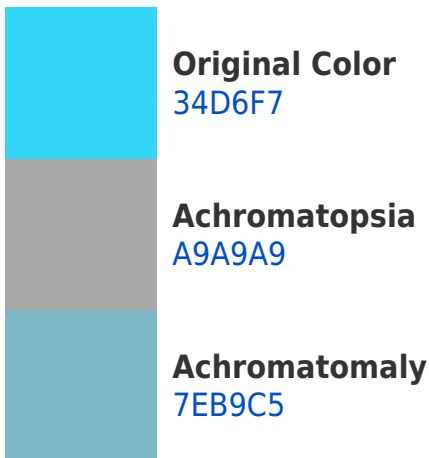


**Tritanopia**  
26D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34D6F7 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 #34D6F7 looks like.

```
.text, #text, p{  
    color:#34D6F7  
}
```

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 #34D6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34D6F7
}
```

## Border

The CSS property to change the border of an element to Hex 34D6F7 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
#34D6F7 }
```

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

```
.border{ border-color:#34D6F7 }
```

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

Here you see how a box with a 4 pixel #34D6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34D6F7; -webkit-box-shadow:4px 4px  
4px 4px #34D6F7; box-shadow:4px 4px 4px  
4px #34D6F7 }
```

# Background

The CSS property to change the background color of an element to Hex 34D6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34D6F7 }
```

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

```
.background{ background-color:#34D6F7 }
```

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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