

# Converting Colors

Hex(34F5F5)

Have a look what the booklet for  
Hex(34F5F5) contains.

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# **Color**

**Hex(34F5F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34F5F5
RGB	52, 245, 245
RGB Percent	20%, 96%, 96%
CMY	0.7961, 0.0392, 0.0392
CMYK	0.79, 0.00, 0.00, 0.04
HSL	180°, 91%, 58%
HSV	180°, 79%, 96%
XYZ	50.5500, 72.6275, 97.7404
YIQ	187.2930, -115.0280, -40.9160

# Conversions

## Conversions Part 2

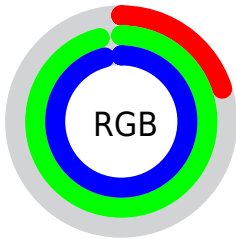
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 149, 245
Decimal	3470837
CIE <sub>Lab</sub>	88.27, -44.34, -13.16
CIE <sub>LCh</sub>	88, 46.247, 196.526
Yxy	72.6275, 0.2288, 0.3288
Android (android.graphics.Color)	4281660917 (0xFF34F5F5)
<b>YUV</b>	187.2930, 28.4496, -118.6520
Hunter-Lab	85.2217, -43.2592, -8.3442

# Details

The Hex color **34F5F5** 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 **F53434**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **85FFFF**, and **00BCBD** is the 20% darker color. If you saturate the color by 10%, you get **1CF5F5**, and if you desaturate by 10%, it is **4DF5F5**.

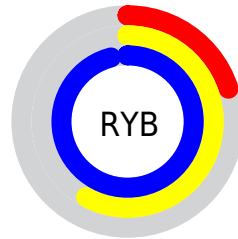
# Distribution



Red (20%)

Green (96%)

Blue (96%)



Red (20%)

Yellow (58%)

Blue (96%)

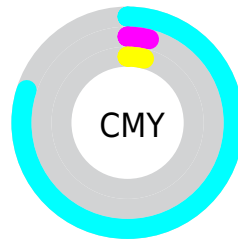


Cyan (79%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (80%)

Magenta (4%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34F5F5 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 34F5F5 by changing the saturation by 10% instead.



 34F5F5

 34F5F5

FFFFFF

 00D8D9

 85FFFF

 00BCBD

 A6FFFF

 00A0A2

 C7FFFF

 008688

 E7FFFF

 006C6E

 005256

 003A3F

 002529

 000115

 34F5F5

 34F5F5

 1CF5F5

 4DF5F5

 03F5F5

 65F5F5

 00F5F5

 7EF5F5

 96F5F5

 AFF5F5

 C7F5F5

 E0F5F5

 F8F5F5

 FFF5F5

# Harmonies

## Analogous

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



78F4C7



34F5F5



26F1FF

# Triad

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



34F5F5



FFC9FF



FFD488

# Complementary

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



34F5F5



F53434

# 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.



FFC59F



34F5F5



FFBDF3

# Square

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



34F5F5



C5D9FF



FFBCC7



E2E388

# Rectangle

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



34F5F5



5EEBFF



FFBCC7



FFCF8D



# Sweetspot

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



34F5F5



C2FFFF



34F534



5B8080



000000



808080



# Same Dimension

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



34F5F5



0DFFFF



3495F5



6E7A7A



00BABA



003B3B



# Inverse Universe

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



F534F5



FF0DFF



F59534



7A6E7A



BA00BA

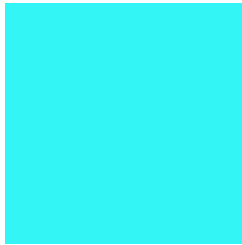


3B003B



# Previews

## White Background



This preview shows how the Hex color 34F5F5 looks on a white background.

## Color Contrast Check

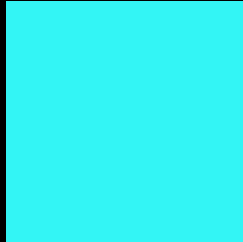
Large Text (above 18pt) WCAG AA × Fail

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 34F5F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

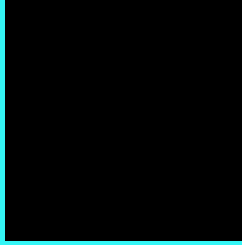
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

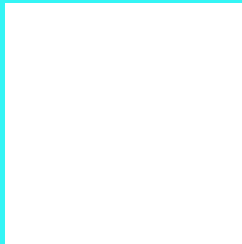
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34F5F5 Background



This preview shows how black text looks on a background with the Hex color 34F5F5.

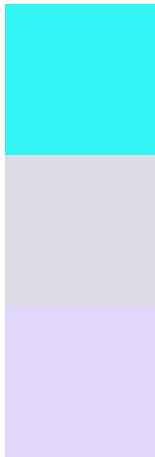


This preview shows how white text looks on a background with the Hex color 34F5F5.

# 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**  
34F5F5

**Protanopia**  
DDAE5

**Deuteranopia**  
E1D6FC

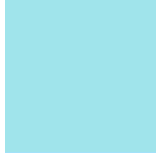


**Tritanopia**  
73EEFF

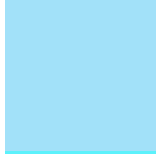
# Trichromacy



**Original Color**  
34F5F5



**Protanomaly**  
A0E4EB

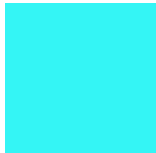


**Deuteranomaly**  
A2E1F9

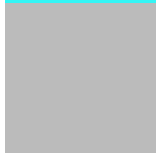


**Tritanomaly**  
5CF1FB

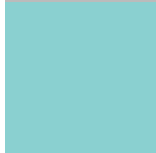
# Monochromacy



**Original Color**  
34F5F5



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
8AD0D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34F5F5 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 #34F5F5 looks like.

```
.text, #text, p{  
    color:#34F5F5  
}
```

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 #34F5F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34F5F5
}
```

## Border

The CSS property to change the border of an element to Hex 34F5F5 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
#34F5F5 }
```

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

```
.border{ border-color:#34F5F5 }
```

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

Here you see how a box with a 4 pixel #34F5F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34F5F5; -webkit-box-shadow:4px 4px  
4px 4px #34F5F5; box-shadow:4px 4px 4px  
4px #34F5F5 }
```

# Background

The CSS property to change the background color of an element to Hex 34F5F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34F5F5 }
```

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

```
.background{ background-color:#34F5F5 }
```

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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