

# Converting Colors

Hex(35F0C9)

Have a look what the booklet for  
Hex(35F0C9) contains.

<b>Hex(35F0C9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(35F0C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	35F0C9
RGB	53, 240, 201
RGB Percent	21%, 94%, 79%
CMY	0.7922, 0.0588, 0.2118
CMYK	0.78, 0.00, 0.16, 0.06
HSL	167°, 86%, 57%
HSV	167°, 78%, 94%
XYZ	43.1709, 67.2941, 65.9721
YIQ	179.6410, -98.9330, -51.7730

# Conversions

## Conversions Part 2

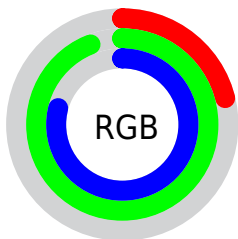
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	53, 157, 240
Decimal	3535049
CIE <sub>Lab</sub>	85.65, -53.81, 6.02
CIE <sub>LCh</sub>	86, 54.148, 173.612
Y <sub>xy</sub>	67.2941, 0.2447, 0.3814
Android (android.graphics.Color)	4281725129 (0xFF35F0C9)
YUV	179.6410, 10.5300, -111.0642
Hunter-Lab	82.0330, -49.6198, 9.7413

# Details

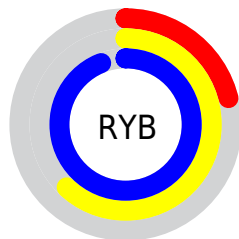
The Hex color **35F0C9** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F0355C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **81FFFF**, and **00B793** is the 20% darker color. If you saturate the color by 10%, you get **1DF0C4**, and if you desaturate by 10%, it is **4DF0CE**.

# Distribution



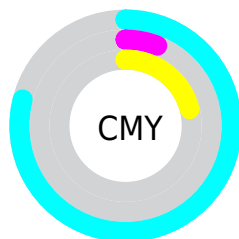
- Red (21%)
- Green (94%)
- Blue (79%)



- Red (21%)
- Yellow (62%)
- Blue (94%)



- Cyan (78%)
- Magenta (0%)
- Yellow (16%)
- Black (6%)



- Cyan (79%)
- Magenta (6%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35F0C9 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 35F0C9 by changing the saturation by 10% instead.



 35F0C9

 35F0C9


FFFFFF

 00D3AE

 81FFFF

 00B793

 A2FFFF

 009B79

 C1FFFF

 008061

 E1FFFF

 006649

 004D32

 00351D

 001C05

 000000

 35F0C9

 35F0C9

 1DF0C4

 4DF0CE

 05F0BF

 65F0D3

 00F0BE

 7DF0D8

 95F0DD

 ADF0E2

 C5F0E7

 DDF0EC

 F5F0F1

 FFF0F6

# Harmonies

## Analogous

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



90EA97



35F0C9



00F0FD

# Triad

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



35F0C9



CACDFF



FFBD85

# Complementary

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



35F0C9



F0355C

# 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.



FFAFB0



35F0C9



FFBAFF

# Square

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



35F0C9



68DFFF



FFADE3



FFCF6F

# Rectangle

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



35F0C9



00EDFF



FFADE3



FFB792

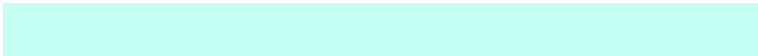


# Sweetspot

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



35F0C9



C4FFF3



5EF035



5C8078



000000



808080



# Same Dimension

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



35F0C9



0FFFCF



35BBF0



6C7875



00B891



00382C



# Inverse Universe

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



F0355C



FF0F41



F06A35



786C6E



B80026

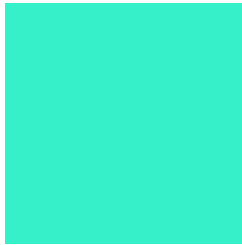


38000C



# Previews

## White Background



This preview shows how the Hex color 35F0C9 looks on a white background.

## Color Contrast Check

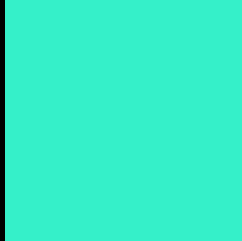
Large Text (above 18pt) WCAG AA × Fail

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 35F0C9 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

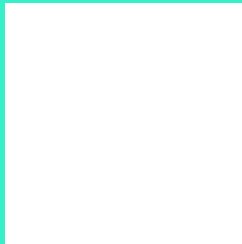
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35F0C9 Background



This preview shows how black text looks on a background with the Hex color 35F0C9.

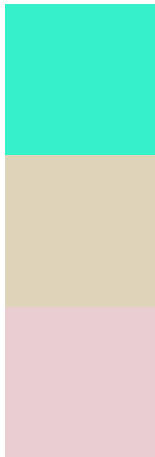


This preview shows how white text looks on a background with the Hex color 35F0C9.

# 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](#).

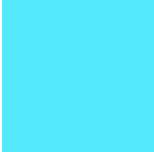
## Dichromacy



**Original Color**  
35F0C9

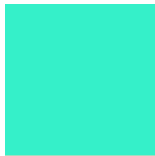
**Protanopia**  
DED4BA

**Deuteranopia**  
EACDD1

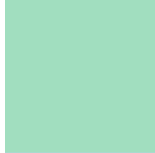


**Tritanopia**  
54E9FC

# Trichromacy



**Original Color**  
35F0C9



**Protanomaly**  
A1DEBF



**Deuteranomaly**  
A8DACE

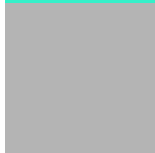


**Tritanomaly**  
49ECE9

# Monochromacy



**Original Color**  
35F0C9



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
86CABC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35F0C9 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 #35F0C9 looks like.

```
.text, #text, p{  
    color:#35F0C9  
}
```

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 #35F0C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35F0C9
}
```

## Border

The CSS property to change the border of an element to Hex 35F0C9 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
#35F0C9 }
```

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

```
.border{ border-color:#35F0C9 }
```

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

Here you see how a box with a 4 pixel #35F0C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35F0C9; -webkit-box-shadow:4px 4px  
4px 4px #35F0C9; box-shadow:4px 4px 4px  
4px #35F0C9 }
```

# Background

The CSS property to change the background color of an element to Hex 35F0C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35F0C9 }
```

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

```
.background{ background-color:#35F0C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor