

# Converting Colors

Hex(35CF35)

Have a look what the booklet for  
Hex(35CF35) contains.

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**Color**

**Hex(35CF35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35CF35
RGB	53, 207, 53
RGB Percent	21%, 81%, 21%
CMY	0.7922, 0.1882, 0.7922
CMYK	0.74, 0.00, 0.74, 0.19
HSL	120°, 62%, 51%
HSV	120°, 74%, 81%
XYZ	24.4236, 45.6396, 10.8902
YIQ	143.3980, -42.3500, -80.5420

# Conversions

## Conversions Part 2

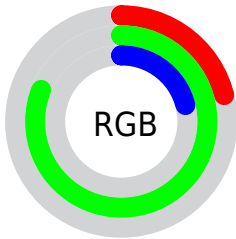
Format	Color
<a href="#">RYB</a>	<a href="#">53, 207, 207</a>
Decimal	<a href="#">3526453</a>
CIELab	<a href="#">73.31, -67.08, 61.15</a>
CIELCh	<a href="#">73, 90.770, 137.650</a>
Yxy	<a href="#">45.6396, 0.3017, 0.5638</a>
Android (android.graphics.Color)	<a href="#">4281716533</a> ( <a href="#">0xFF35CF35</a> )
YUV	<a href="#">143.3980, -44.5662, -79.2790</a>
Hunter-Lab	<a href="#">67.5571, -53.6925, 37.7324</a>

# Details

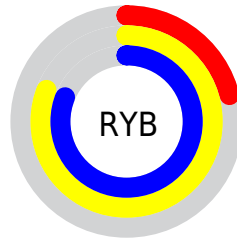
The Hex color **35CF35** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CF35CF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7BFF6D**, and **009700** is the 20% darker color. If you saturate the color by 10%, you get **20CF20**, and if you desaturate by 10%, it is **4ACF4A**.

# Distribution



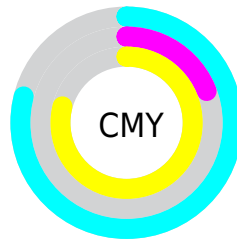
- Red (21%)
- Green (81%)
- Blue (21%)



- Red (21%)
- Yellow (81%)
- Blue (81%)



- Cyan (74%)
- Magenta (0%)
- Yellow (74%)
- Black (19%)



- Cyan (79%)
- Magenta (19%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35CF35 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 35CF35 by changing the saturation by 10% instead.



 35CF35

 35CF35

FFFFFF

 00B311

 7BFF6D

 009700

 9BFF89

 007C00

 B9FFA5

 006200

 D8FFC2

 004800

 F7FFDE

 003100

FFFFFFC

 001400

 000000

 35CF35

 35CF35

 20CF20

 4ACF4A

 0CCF0C

 5ECF5E

 00CF00

 73CF73

 88CF88

 9DCF9D

 B1CFB1

 C6CFC6

 DBCFDB

 EFCFEF

# Harmonies

## Analogous

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



AABF00



35CF35



00D78E

# Triad

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



35CF35



00C8FF



FF5787

# Complementary

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



35CF35



CF35CF

# 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.



FF5ADA



35CF35



52ADFF

# Square

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



35CF35



00D5FF



F384FF



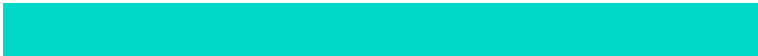
FF7D38

# Rectangle

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



35CF35



00D9C8



F384FF



FF51A2

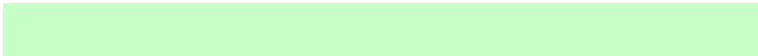


# Sweetspot

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



35CF35



C7FFC7



CFCF35



5E805E



000000



808080



# Same Dimension

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



35CF35



1CFF1C



35CF82



5E695E



00A800



002900



# Inverse Universe

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



CF35CF



FF1CFF



CF3582



695E69



A800A8

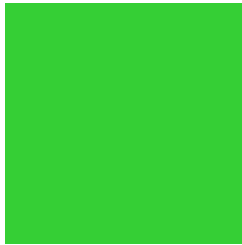


290029



# Previews

## White Background



This preview shows how the Hex color 35CF35 looks on a white background.

## Color Contrast Check

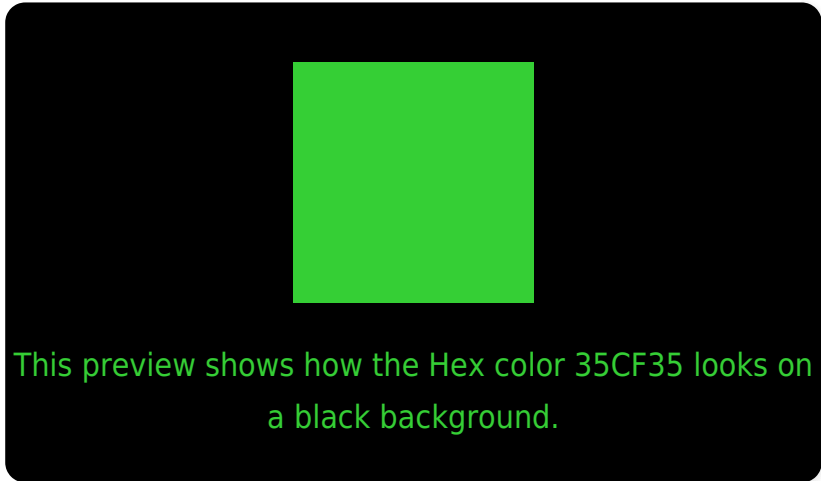
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

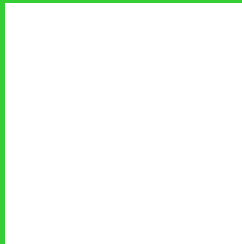
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35CF35 Background



This preview shows how black text looks on a background with the Hex color 35CF35.

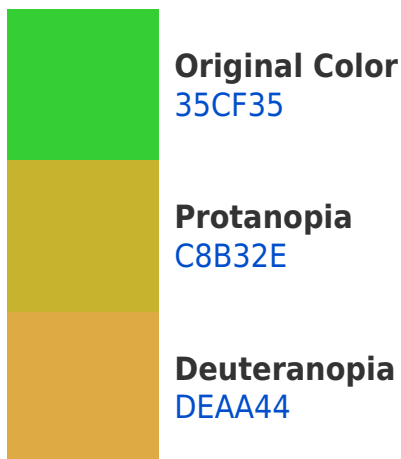


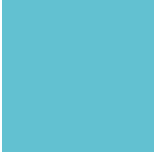
This preview shows how white text looks on a background with the Hex color 35CF35.

# 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](#).

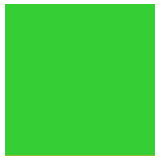
## Dichromacy





**Tritanopia**  
62C1D1

# Trichromacy



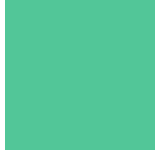
**Original Color**  
35CF35



**Protanomaly**  
93BD31



**Deuteranomaly**  
A1B73F



**Tritanomaly**  
52C698

# Monochromacy



**Original Color**  
35CF35



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
6EA66E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35CF35 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 #35CF35 looks like.

```
.text, #text, p{  
    color:#35CF35  
}
```

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 #35CF35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35CF35
}
```

## Border

The CSS property to change the border of an element to Hex 35CF35 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
#35CF35 }
```

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

```
.border{ border-color:#35CF35 }
```

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

Here you see how a box with a 4 pixel #35CF35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35CF35; -webkit-box-shadow:4px 4px  
4px 4px #35CF35; box-shadow:4px 4px 4px  
4px #35CF35 }
```

# Background

The CSS property to change the background color of an element to Hex 35CF35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35CF35 }
```

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

```
.background{ background-color:#35CF35 }
```

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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