

# Converting Colors

Hex(CCF334)

Have a look what the booklet for  
Hex(CCF334) contains.

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# **Color**

**Hex(CCF334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCF334
RGB	204, 243, 52
RGB Percent	80%, 95%, 20%
CMY	0.2000, 0.0471, 0.7961
CMYK	0.16, 0.00, 0.79, 0.05
HSL	72°, 89%, 58%
HSV	72°, 79%, 95%
XYZ	57.5723, 77.1865, 15.1129
YIQ	209.5650, 38.0670, -67.6690

# Conversions

## Conversions Part 2

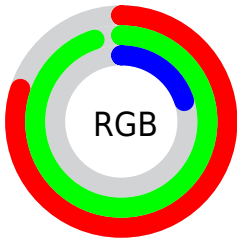
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 243, 91
Decimal	13431604
CIELab	90.41, -35.60, 79.91
CIElCh	90, 87.480, 114.013
Yxy	77.1865, 0.3841, 0.5150
Android (android.graphics.Color)	4291621684 (0xFFCCCF334)
YUV	209.5650, -77.6795, -4.8805
Hunter-Lab	87.8558, -36.7760, 51.3001

# Details

The Hex color **CCF334** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5B34F3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF73**, and **91BB00** is the 20% darker color. If you saturate the color by 10%, you get **C7F31C**, and if you desaturate by 10%, it is **D1F34C**.

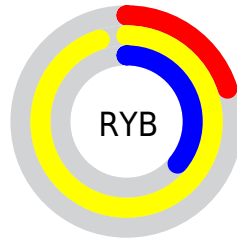
# Distribution



Red (80%)

Green (95%)

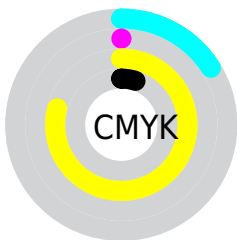
Blue (20%)



Red (20%)

Yellow (95%)

Blue (36%)

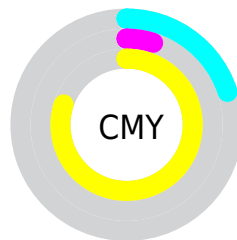


Cyan (16%)

Magenta (0%)

Yellow (79%)

Black (5%)



Cyan (20%)

Magenta (5%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCF334 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 CCF334 by changing the saturation by 10% instead.



 CCF334

 CCF334

FFFFFF

 AED700

 FFFF73

 91BB00

 FFFF90

 74A000

 FFFFAD

 588500

 FFFFCA

 3B6C00

 FFFFEB

 1B5300

 003C00

 002700

 000300

 CCF334

 CCF334

 C7F31C

 D1F34C

 C2F303

 D6F365

 C1F300

 DBF37D

 E0F395

 E5F3AD

 EAF3C6

 EFF3DE

 F4F3F6

 F9F3FF

# Harmonies

## Analogous

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



FFDA21



CCF334



57FF7B

# Triad

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



CCF334



00FFFF



FF93F8

# Complementary

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



CCF334



5B34F3

# 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.



FFAFFF



CCF334



00F2FF

# Square

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



CCF334



00FFFF



C3D4FF



FF98A5

# Rectangle

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



CCF334



00FFB2



C3D4FF



FF99FF

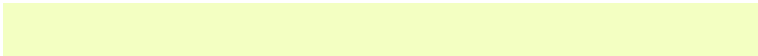


# Sweetspot

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



CCF334



F3FFC2



F35A34



78805B



000000



808080



# Same Dimension

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



CCF334



CEFF0F



6DF334



787A6E



94BA00



2F3B00



# Inverse Universe

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



5B34F3



400FFF



BA34F3



716E7A



2600BA

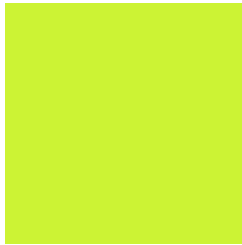


0C003B



# Previews

## White Background



This preview shows how the Hex color CCF334 looks on a white background.

## Color Contrast Check

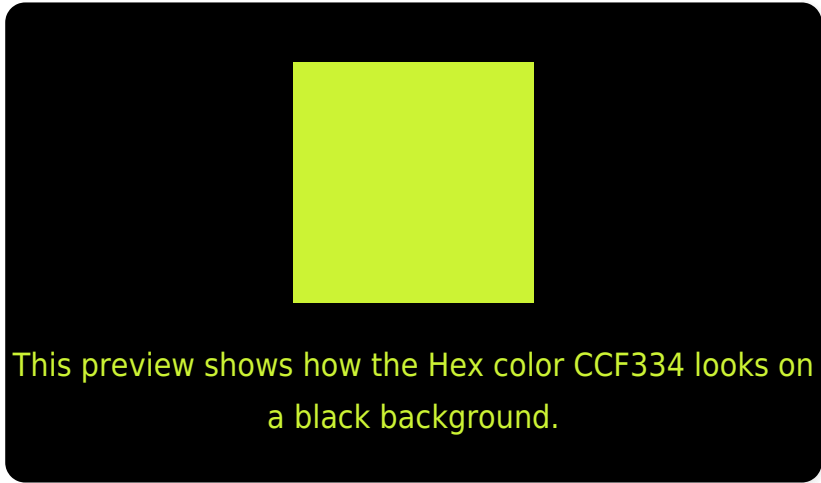
Large Text (above 18pt) WCAG AA × Fail

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 CCF334 Background



This preview shows how black text looks on a background with the Hex color CCF334.

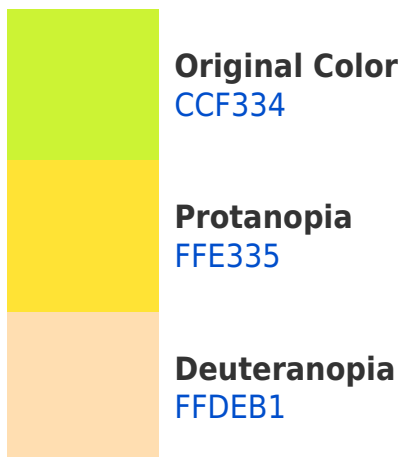


This preview shows how white text looks on a background with the Hex color CCF334.

# Color Blindness Simulation

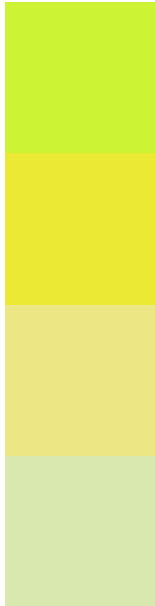
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



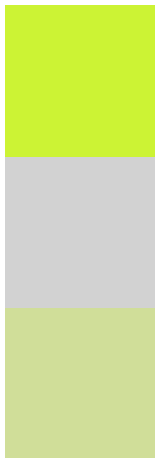
**Original Color**  
CCF334

**Protanomaly**  
ECE935

**Deuteranomaly**  
ECE684

**Tritanomaly**  
D8E8AE

# Monochromacy



**Original Color**  
CCF334

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
D0DE99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCF334 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 #CCF334 looks like.

```
.text, #text, p{  
    color:#CCF334  
}
```

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 #CCF334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF334
}
```

## Border

The CSS property to change the border of an element to Hex CCF334 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
#CCF334 }
```

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

```
.border{ border-color:#CCF334 }
```

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

Here you see how a box with a 4 pixel #CCF334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF334; -webkit-box-shadow:4px 4px  
4px 4px #CCF334; box-shadow:4px 4px 4px  
4px #CCF334 }
```

# Background

The CSS property to change the background color of an element to Hex CCF334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF334 }
```

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

```
.background{ background-color:#CCF334 }
```

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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