

# Converting Colors

Hex(3CE13F)

Have a look what the booklet for  
Hex(3CE13F) contains.

<b>Hex(3CE13F)</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(3CE13F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CE13F
RGB	60, 225, 63
RGB Percent	24%, 88%, 25%
CMY	0.7647, 0.1176, 0.7529
CMYK	0.73, 0.00, 0.72, 0.12
HSL	121°, 73%, 56%
HSV	121°, 73%, 88%
XYZ	29.6859, 55.1700, 13.7869
YIQ	157.1970, -46.3380, -85.3620

# Conversions

## Conversions Part 2

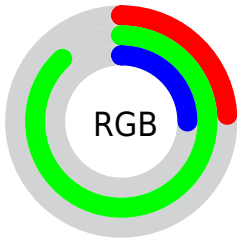
Format	Color
<a href="#">RYB</a>	<a href="#">60, 222, 225</a>
Decimal	<a href="#">3989823</a>
CIELab	<a href="#">79.14, -70.84, 63.60</a>
CIELCh	<a href="#">79, 95.204, 138.082</a>
Yxy	<a href="#">55.1700, 0.3009, 0.5593</a>
Android (android.graphics.Color)	<a href="#">4282179903 (0xFF3CE13F)</a>
YUV	<a href="#">157.1970, -46.4391, -85.2418</a>
Hunter-Lab	<a href="#">74.2765, -58.6432, 40.9884</a>

# Details

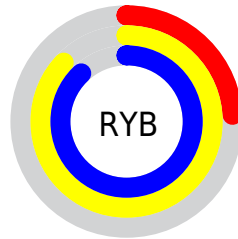
The Hex color **3CE13F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E13CDE**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **83FF78**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **26E129**, and if you desaturate by 10%, it is **53E155**.

# Distribution



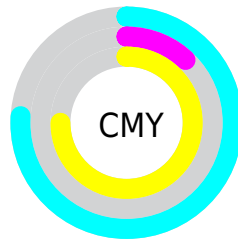
- Red (24%)
- Green (88%)
- Blue (25%)



- Red (24%)
- Yellow (87%)
- Blue (88%)



- Cyan (73%)
- Magenta (0%)
- Yellow (72%)
- Black (12%)



- Cyan (76%)
- Magenta (12%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CE13F 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 3CE13F by changing the saturation by 10% instead.





3CE13F



3CE13F

FFFFFF



00C41E



83FF78



00A800



A3FF94



008D00



C2FFB0



007200



E1FFCD



005800



FFFFEA



003F00



002600



000000



3CE13F



3CE13F

 26E129

 53E155

 0FE113

 69E16B

 00E104

 7FE181

 96E197

 ADE1AD

 C3E1C4

 DAE1DA

 F0E1F0

 FFE1FF

# Harmonies

## Analogous

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



B9D000



3CE13F



00E99C

# Triad

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



3CE13F



00D9FF



FF6393

# Complementary

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



3CE13F



E13CDE

# 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.



FF65EB



3CE13F



64BCFF

# Square

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



3CE13F



00E7FF



FF91FF



FF8B3E

# Rectangle

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



3CE13F



00EBDA



FF91FF



FF5DB0

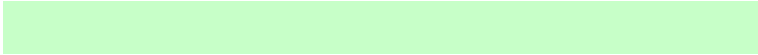


# Sweetspot

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



3CE13F



C7FFC8



DEE13C



5E805F



000000



808080



# Same Dimension

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



3CE13F



1FFF23



3CE191



657065



00B003



003001



# Inverse Universe

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



E13CDE



FF1FFB



E13C8C



706570



B000AD

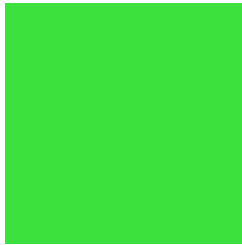


300030



# Previews

## White Background



This preview shows how the Hex color 3CE13F looks on a white background.

## Color Contrast Check

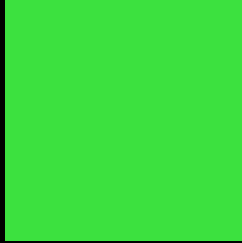
Large Text (above 18pt) WCAG AA × Fail

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 3CE13F 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

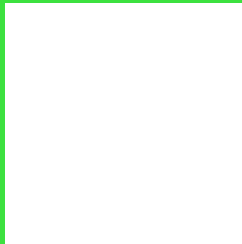
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3CE13F Background



This preview shows how black text looks on a background with the Hex color 3CE13F.

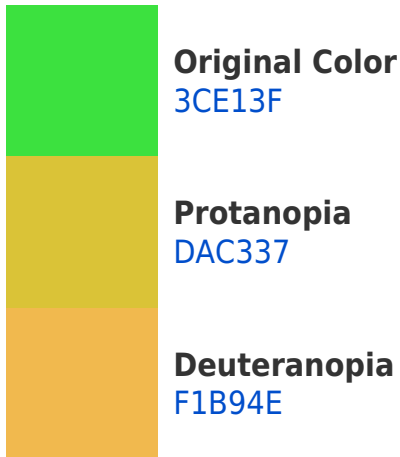


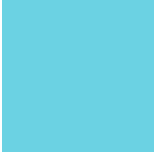
This preview shows how white text looks on a background with the Hex color 3CE13F.

# 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](#).

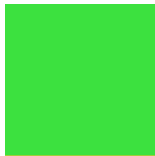
## Dichromacy





**Tritanopia**  
6BD2E3

# Trichromacy



**Original Color**  
3CE13F



**Protanomaly**  
A1CE3A



**Deuteranomaly**  
AFC849



**Tritanomaly**  
5AD7A7

# Monochromacy



**Original Color**  
3CE13F



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
7AB67B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CE13F 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 #3CE13F looks like.

```
.text, #text, p{  
    color:#3CE13F  
}
```

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 #3CE13F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE13F
}
```

## Border

The CSS property to change the border of an element to Hex 3CE13F 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
#3CE13F }
```

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

```
.border{ border-color:#3CE13F }
```

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

Here you see how a box with a 4 pixel #3CE13F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE13F; -webkit-box-shadow:4px 4px  
4px 4px #3CE13F; box-shadow:4px 4px 4px  
4px #3CE13F }
```

# Background

The CSS property to change the background color of an element to Hex 3CE13F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE13F }
```

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

```
.background{ background-color:#3CE13F }
```

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