

# Converting Colors

Hex(33E365)

Have a look what the booklet for  
Hex(33E365) contains.

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# **Color**

**Hex(33E365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33E365
RGB	51, 227, 101
RGB Percent	20%, 89%, 40%
CMY	0.8000, 0.1098, 0.6039
CMYK	0.78, 0.00, 0.56, 0.11
HSL	137°, 76%, 55%
HSV	137°, 78%, 89%
XYZ	31.1833, 56.5816, 21.5897
YIQ	160.0120, -64.4500, -76.4980

# Conversions

## Conversions Part 2

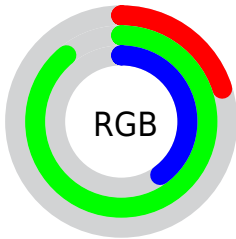
Format	Color
<a href="#">RYB</a>	<a href="#">51, 188, 227</a>
Decimal	<a href="#">3400549</a>
CIELab	<a href="#">79.94, -68.70, 48.79</a>
CIELCh	<a href="#">80, 84.265, 144.615</a>
Yxy	<a href="#">56.5816, 0.2852, 0.5174</a>
Android (android.graphics.Color)	<a href="#">4281590629 (0xFF33E365)</a>
YUV	<a href="#">160.0120, -29.0929, -95.6035</a>
Hunter-Lab	<a href="#">75.2207, -57.6378, 35.6372</a>

# Details

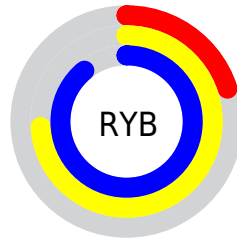
The Hex color **33E365** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E333B1**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7DFF9B**, and **00AA30** is the 20% darker color. If you saturate the color by 10%, you get **1CE355**, and if you desaturate by 10%, it is **4AE375**.

# Distribution



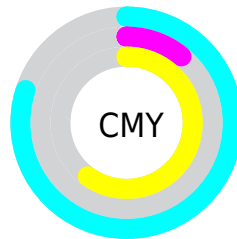
- Red (20%)
- Green (89%)
- Blue (40%)



- Red (20%)
- Yellow (74%)
- Blue (89%)



- Cyan (78%)
- Magenta (0%)
- Yellow (56%)
- Black (11%)



- Cyan (80%)
- Magenta (11%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33E365 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 33E365 by changing the saturation by 10% instead.



 33E365

 33E365

FFFFFF

 00C64B

 7DFF9B

 00AA30

 9DFFB6

 008E12

 BCFFD3

 007400

 DBFFF0

 005900

 FAFFFF

 004000

 002800

 000000

 33E365

 33E365

 1CE355

 4AE375

 06E344

 60E386

 00E340

 77E396

 8EE3A6

 A4E3B6

 BBE3C7

 D2E3D7

 E9E3E7

 FFE3F7

# Harmonies

## Analogous

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



ADD517



33E365



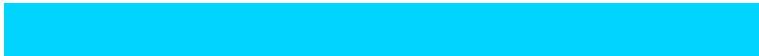
00EAB5

# Triad

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



33E365



00D4FF



FF7D8A

# Complementary

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



33E365



E333B1

# 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.



FF77D8



33E365



A8B7FF

# Square

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



33E365



00E4FF



FF93FF



FF9D43

# Rectangle

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



33E365



00EBEC



FF93FF



FF77A3

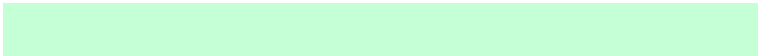


# Sweetspot

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



33E365



C4FFD5



B1E333



5C8066



000000



808080



# Same Dimension

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



33E365



12FF55



33E3BD



67736B



00B333



00330E



# Inverse Universe

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



E333B1



FF12BC



E33359



73676F



B30080



330025



# Previews

## White Background



This preview shows how the Hex color 33E365 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 33E365 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 33E365 Background



This preview shows how black text looks on a background with the Hex color 33E365.

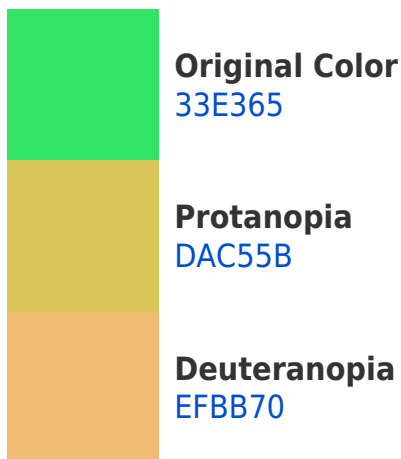


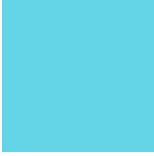
This preview shows how white text looks on a background with the Hex color 33E365.

# 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**  
64D5E7

# Trichromacy



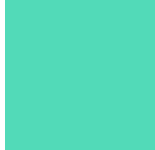
**Original Color**  
33E365



**Protanomaly**  
9DD05F



**Deuteranomaly**  
ABCA6C



**Tritanomaly**  
52DAB8

# Monochromacy



**Original Color**  
33E365



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
78B88B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33E365 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 #33E365 looks like.

```
.text, #text, p{  
    color:#33E365  
}
```

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 #33E365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33E365
}
```

## Border

The CSS property to change the border of an element to Hex 33E365 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
#33E365 }
```

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

```
.border{ border-color:#33E365 }
```

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

Here you see how a box with a 4 pixel #33E365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33E365; -webkit-box-shadow:4px 4px  
4px 4px #33E365; box-shadow:4px 4px 4px  
4px #33E365 }
```

# Background

The CSS property to change the background color of an element to Hex 33E365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33E365 }
```

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

```
.background{ background-color:#33E365 }
```

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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