

# Converting Colors

Hex(34E15D)

Have a look what the booklet for  
Hex(34E15D) contains.

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**Color**

**Hex(34E15D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 34E15D                       |
| RGB         | 52, 225, 93                  |
| RGB Percent | 20%, 88%, 36%                |
| CMY         | 0.7961, 0.1176, 0.6353       |
| CMYK        | 0.77, 0.00, 0.59, 0.12       |
| HSL         | 134°, 74%, 54%               |
| HSV         | 134°, 77%, 88%               |
| XYZ         | 30.3172, 55.3708, 19.4457    |
| YIQ         | 158.2250, -60.7360, -77.7280 |

# Conversions

## Conversions Part 2

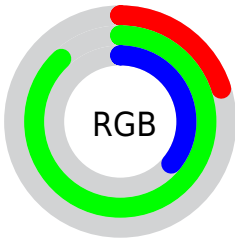
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 52, 192, 225                    |
| Decimal                             | 3465565                         |
| CIELab                              | 79.25, -68.95, 51.60            |
| CIELCh                              | 79, 86.123, 143.189             |
| Yxy                                 | 55.3708, 0.2884,<br>0.5267      |
| Android<br>(android.graphics.Color) | 4281655645<br>(0xFF34E15D)      |
| YUV                                 | 158.2250, -32.1559,<br>-93.1593 |
| Hunter-Lab                          | 74.4116, -57.4948,<br>36.5941   |

# Details

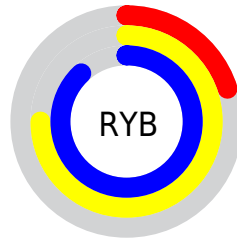
The Hex color **34E15D** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E134B8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7DFF93**, and **00A827** is the 20% darker color. If you saturate the color by 10%, you get **1DE14C**, and if you desaturate by 10%, it is **4AE16E**.

# Distribution



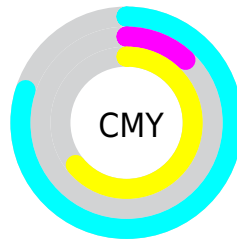
- Red (20%)
- Green (88%)
- Blue (36%)



- Red (20%)
- Yellow (75%)
- Blue (88%)



- Cyan (77%)
- Magenta (0%)
- Yellow (59%)
- Black (12%)



- Cyan (80%)
- Magenta (12%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34E15D 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 34E15D by changing the saturation by 10% instead.



 34E15D

 34E15D

FFFFFF

 00C442

 7DFF93

 00A827

 9DFFAF

 008D01

 BCFFCB

 007200

 DBFFE8

 005800

 FAFFFF

 003F00

 002600

 000000

 34E15D

 34E15D

 1DE14C

 4AE16E

 07E13B

 61E17F

 00E135

 77E191

 8EE1A2

 A4E1B3

 BBE1C4

 D1E1D5

 E8E1E6

 FEE1F8

# Harmonies

## Analogous

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



AED300



34E15D



00E8AF

# Triad

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



34E15D



00D3FF



FF778A

# Complementary

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



34E15D



E134B8

# 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.



FF72DA



34E15D



9CB7FF

# Square

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



34E15D



00E3FF



FF91FF



FF9841

# Rectangle

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



34E15D



00E9E7



FF91FF



FF71A4

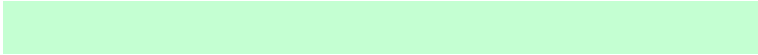


# Sweetspot

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



34E15D



C4FFD2



B9E134



5C8064



000000



808080



# Same Dimension

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



34E15D



14FF4C



34E1B3



657068



00B02A



00300B



# Inverse Universe

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



E134B8



FF14C7



E13462



70656E



B00086

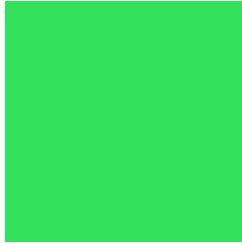


300025



# Previews

## White Background



This preview shows how the Hex color 34E15D 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 34E15D 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 34E15D Background



This preview shows how black text looks on a background with the Hex color 34E15D.

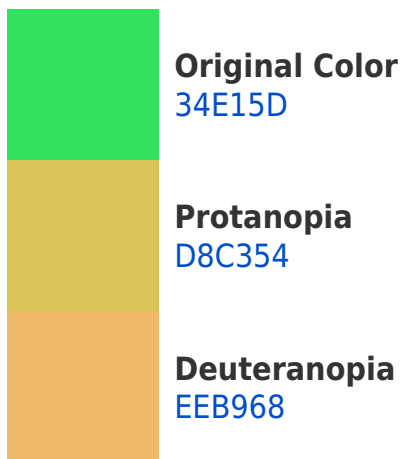


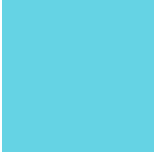
This preview shows how white text looks on a background with the Hex color 34E15D.

# 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](#).

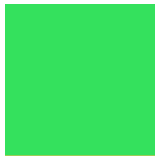
## Dichromacy





**Tritanopia**  
65D3E4

# Trichromacy



**Original Color**  
34E15D



**Protanomaly**  
9CCE57



**Deuteranomaly**  
AAC864



**Tritanomaly**  
53D8B3

# Monochromacy



**Original Color**  
34E15D



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
77B686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34E15D 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 #34E15D looks like.

```
.text, #text, p{  
    color:#34E15D  
}
```

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 #34E15D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E15D
}
```

## Border

The CSS property to change the border of an element to Hex 34E15D 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
#34E15D }
```

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

```
.border{ border-color:#34E15D }
```

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

Here you see how a box with a 4 pixel #34E15D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E15D; -webkit-box-shadow:4px 4px  
4px 4px #34E15D; box-shadow:4px 4px 4px  
4px #34E15D }
```

# Background

The CSS property to change the background color of an element to Hex 34E15D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E15D }
```

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

```
.background{ background-color:#34E15D }
```

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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