

Converting Colors

Hex(65E34E)

Have a look what the booklet for
Hex(65E34E) contains.

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Color

Hex(65E34E)

Conversions

Conversions Part 1

Format	Color
Hex	65E34E
RGB	101, 227, 78
RGB Percent	40%, 89%, 31%
CMY	0.6039, 0.1098, 0.6941
CMYK	0.56, 0.00, 0.66, 0.11
HSL	111°, 73%, 60%
HSV	111°, 66%, 89%
XYZ	34.2111, 58.2549, 16.6489
YIQ	172.3400, -27.2670, -73.0510

Conversions

Conversions Part 2

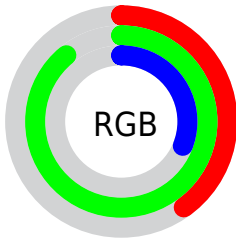
Format	Color
RYB	78, 227, 204
Decimal	6677326
CIELab	80.88, -61.92, 60.09
CIELCh	81, 86.281, 135.860
Yxy	58.2549, 0.3135, 0.5339
Android (android.graphics.Color)	4284867406 (0xFF65E34E)
YUV	172.3400, -46.5096, -62.5652
Hunter-Lab	76.3249, -53.5597, 40.4944

Details

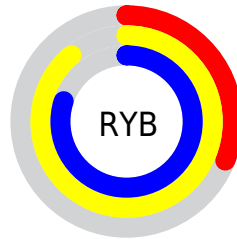
The Hex color **65E34E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **CC4EE3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A2FF85**, and **17AA0C** is the 20% darker color. If you saturate the color by 10%, you get **52E337**, and if you desaturate by 10%, it is **78E365**.

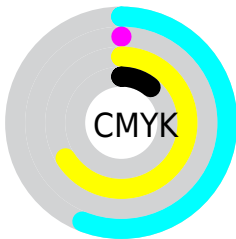
Distribution



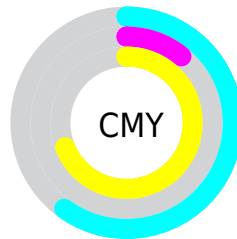
- Red (40%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (66%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65E34E 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 65E34E by changing the saturation by 10% instead.

 65E34E

 65E34E


FFFFFF

 44C631

 A2FF85

 17AA0C

 C0FFA1

 008F00

 DEFFBD

 007400

 FDFFDA

 005B00

 FFFFF7

 004100

 002A00

 000600

 000000

 65E34E

 65E34E

 52E337

 78E365

 3FE321

 8BE37B

 2BE30A

 9FE392

 23E300

 B2E3A9

 C5E3C0

 D8E3D6

 EBE3ED

 FFE3FF

Harmonies

Analogous

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



C7D200



65E34E



00EC9E

Triad

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



65E34E



00DDFF



FF77A2

Complementary

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



65E34E



CC4EE3

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.



FF7CF3



65E34E



6FC3FF

Square

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



65E34E



00EAFB



FF9FFF



FF9457

Rectangle

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



65E34E



00EED7



FF9FFF



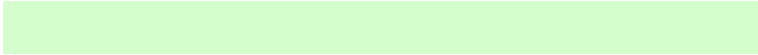
FF74BC

Sweetspot

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



65E34E



D4FFCC



E3CA4E



668061



000000



808080

Same Dimension

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



65E34E



55FF36



4EE380



697367



1CB300



083300

Inverse Universe

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



CC4EE3



E036FF



E34EB1



716773



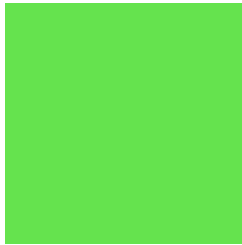
9700B3



2B0033

Previews

White Background



This preview shows how the Hex color 65E34E looks on a white background.

Color Contrast Check

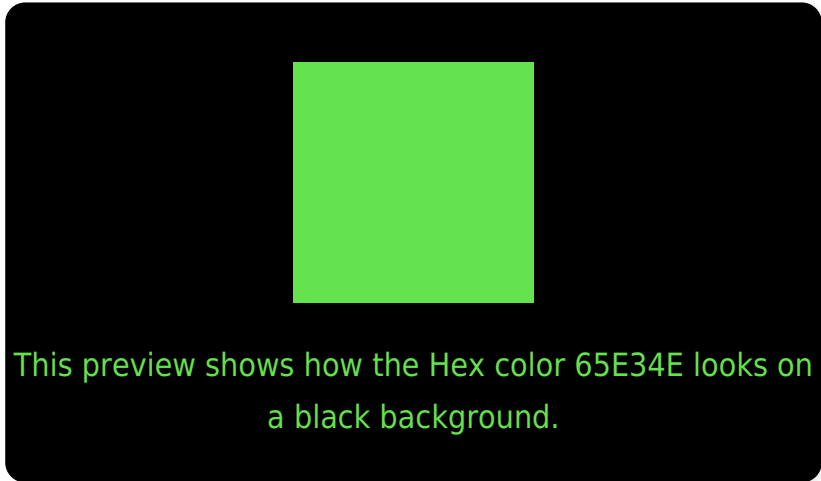
Large Text (above 18pt) WCAG AA × Fail

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

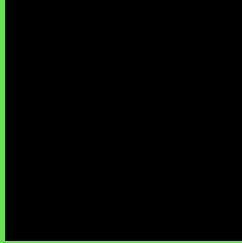
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

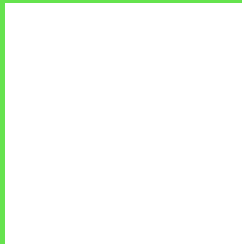
Any Text WCAG AAA ✓ Pass

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

Hex 65E34E Background



This preview shows how black text looks on a background with the Hex color 65E34E.

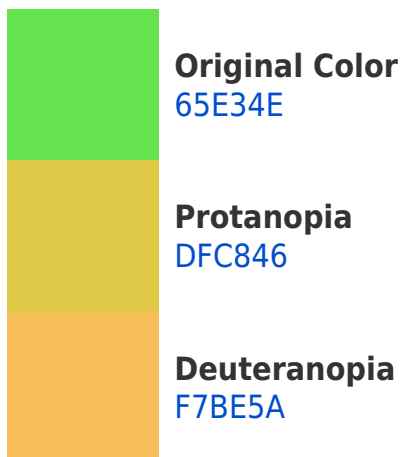


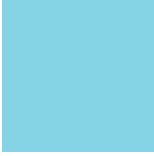
This preview shows how white text looks on a background with the Hex color 65E34E.

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](#).

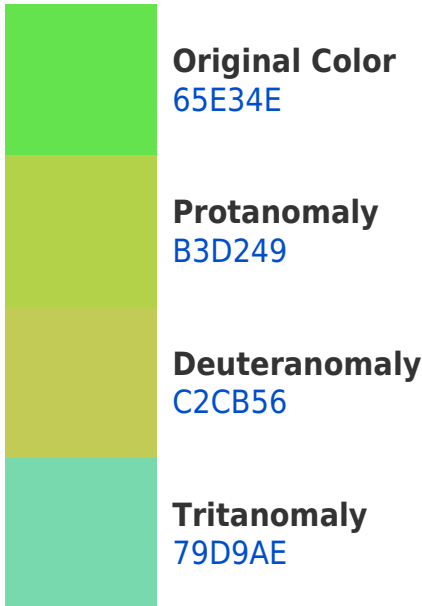
Dichromacy



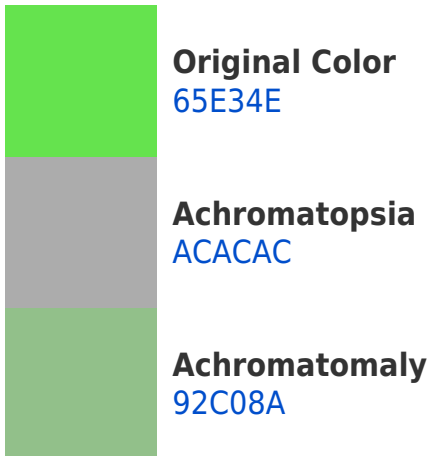


Tritanopia
84D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65E34E 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 #65E34E looks like.

```
.text, #text, p{  
    color:#65E34E  
}
```

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 #65E34E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E34E
}
```

Border

The CSS property to change the border of an element to Hex 65E34E 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
#65E34E }
```

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

```
.border{ border-color:#65E34E }
```

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

Here you see how a box with a 4 pixel #65E34E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E34E; -webkit-box-shadow:4px 4px  
4px 4px #65E34E; box-shadow:4px 4px 4px  
4px #65E34E }
```

Background

The CSS property to change the background color of an element to Hex 65E34E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E34E }
```

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

```
.background{ background-color:#65E34E }
```

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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