

Converting Colors

Hex(3EC65E)

Have a look what the booklet for
Hex(3EC65E) contains.

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Color

Hex(3EC65E)

Conversions

Conversions Part 1

Format	Color
Hex	3EC65E
RGB	62, 198, 94
RGB Percent	24%, 78%, 37%
CMY	0.7569, 0.2235, 0.6314
CMYK	0.69, 0.00, 0.53, 0.22
HSL	134°, 54%, 51%
HSV	134°, 69%, 78%
XYZ	24.2011, 42.2205, 17.4635
YIQ	145.4800, -47.6720, -61.1760

Conversions

Conversions Part 2

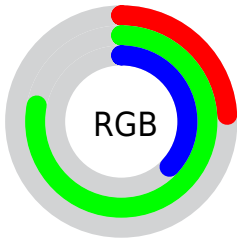
Format	Color
RYB	62, 172, 198
Decimal	4114014
CIELab	71.02, -58.19, 41.37
CIELCh	71, 71.398, 144.585
Yxy	42.2205, 0.2885, 0.5033
Android (android.graphics.Color)	4282304094 (0xFF3EC65E)
YUV	145.4800, -25.3796, -73.2120
Hunter-Lab	64.9773, -47.2271, 29.5491

Details

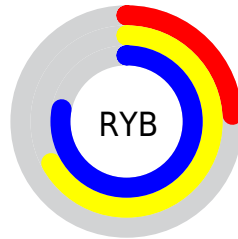
The Hex color **3EC65E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C63EA6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7EFF92**, and **008F2B** is the 20% darker color. If you saturate the color by 10%, you get **2AC64F**, and if you desaturate by 10%, it is **52C66D**.

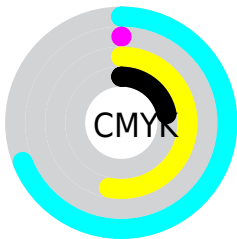
Distribution



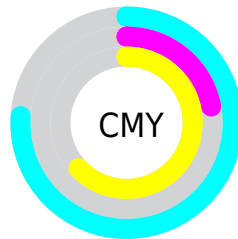
- Red (24%)
- Green (78%)
- Blue (37%)



- Red (24%)
- Yellow (67%)
- Blue (78%)



- Cyan (69%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EC65E 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 3EC65E by changing the saturation by 10% instead.



3EC65E



3EC65E

FFFFFF



0DAA45



7EFF92



008F2B



9CFFAE



007410



BAFFCA



005A00



D8FFE6



004100



F6FFFF



002B00



000700



000000



3EC65E



3EC65E

 2AC64F

 52C66D

 16C640

 66C67C

 03C631

 79C68B

 00C62F

 8DC69B

 A1C6AA

 B5C6B9

 C9C6C8

 DCC6D7

 F0C6E6

Harmonies

Analogous

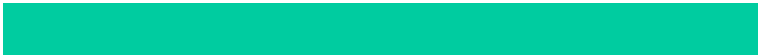
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ABA27



3EC65E



00CCA0

Triad

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



3EC65E



00B9FF



FF747C

Complementary

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



3EC65E



C63EA6

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.



FF6FBC



3EC65E



97A2FF

Square

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



3EC65E



00C7FF



F184FA



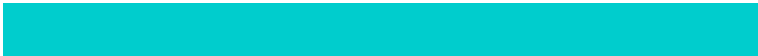
FF8C43

Rectangle

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



3EC65E



00CDCD



F184FA



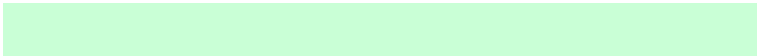
FF6F91

Sweetspot

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



3EC65E



C9FFD6



A6C63E



608067



000000



808080

Same Dimension

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



3EC65E



2EFF5F



3EC6A2



5A635C



00A326



002408

Inverse Universe

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



C63EA6



FF2ECE



C63E62



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color 3EC65E looks on a white background.

Color Contrast Check

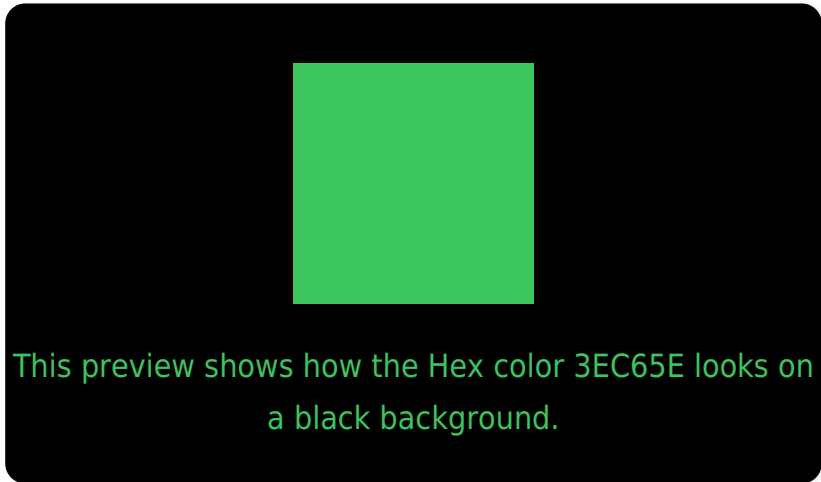
Large Text (above 18pt) WCAG AA × Fail

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

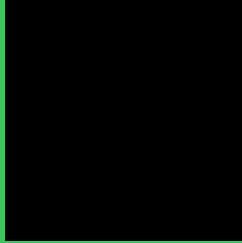
Any Text WCAG AA ✓ Pass

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 3EC65E Background



This preview shows how black text looks on a background with the Hex color 3EC65E.

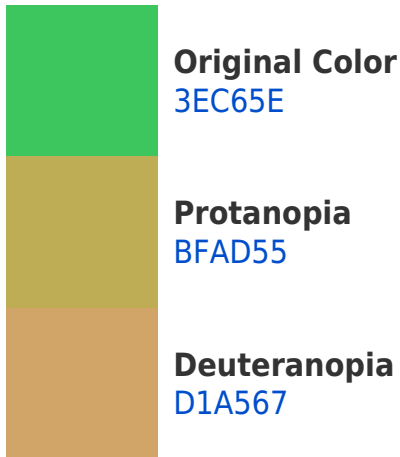


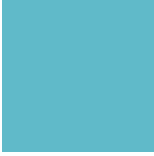
This preview shows how white text looks on a background with the Hex color 3EC65E.

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](#).

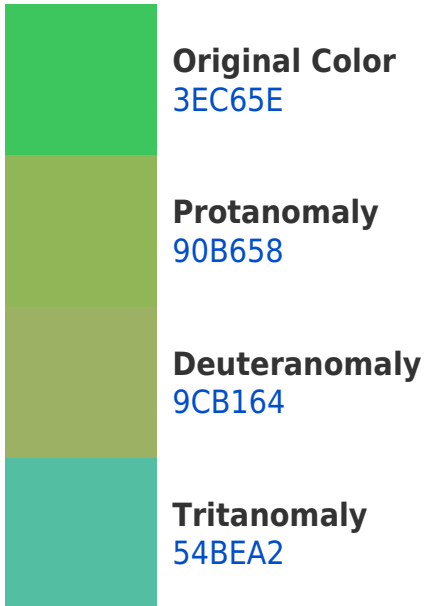
Dichromacy



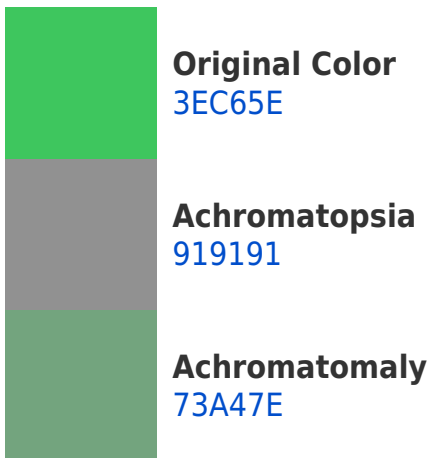


Tritanopia
60BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EC65E 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 #3EC65E looks like.

```
.text, #text, p{  
    color:#3EC65E  
}
```

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 #3EC65E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC65E
}
```

Border

The CSS property to change the border of an element to Hex 3EC65E 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
#3EC65E }
```

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

```
.border{ border-color:#3EC65E }
```

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

Here you see how a box with a 4 pixel #3EC65E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC65E; -webkit-box-shadow:4px 4px  
4px 4px #3EC65E; box-shadow:4px 4px 4px  
4px #3EC65E }
```

Background

The CSS property to change the background color of an element to Hex 3EC65E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC65E }
```

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

```
.background{ background-color:#3EC65E }
```

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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