

Converting Colors

Hex(3EC16E)

Have a look what the booklet for
Hex(3EC16E) contains.

Hex(3EC16E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3EC16E)

Conversions

Conversions Part 1

Format	Color
Hex	3EC16E
RGB	62, 193, 110
RGB Percent	24%, 76%, 43%
CMY	0.7569, 0.2431, 0.5686
CMYK	0.68, 0.00, 0.43, 0.24
HSL	142°, 51%, 50%
HSV	142°, 68%, 76%
XYZ	23.8710, 40.2899, 21.2704
YIQ	144.3690, -51.4330, -53.5850

Conversions

Conversions Part 2

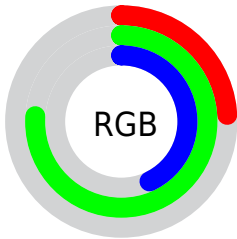
Format	Color
RYB	62, 158, 193
Decimal	4112750
CIELab	69.68, -53.83, 31.67
CIELCh	70, 62.453, 149.530
Yxy	40.2899, 0.2794, 0.4716
Android (android.graphics.Color)	4282302830 (0xFF3EC16E)
YUV	144.3690, -16.9439, -72.2376
Hunter-Lab	63.4743, -43.9508, 24.5637

Details

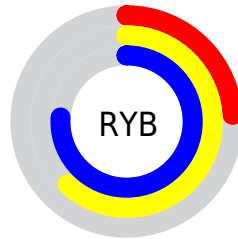
The Hex color **3EC16E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C13E91**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7CFAA3**, and **008A3D** is the 20% darker color. If you saturate the color by 10%, you get **2BC162**, and if you desaturate by 10%, it is **51C17A**.

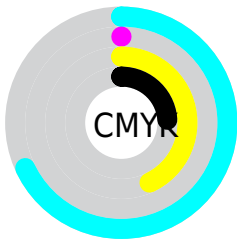
Distribution



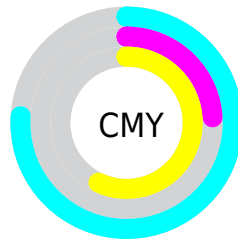
- Red (24%)
- Green (76%)
- Blue (43%)



- Red (24%)
- Yellow (62%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (43%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3EC16E 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 3EC16E by changing the saturation by 10% instead.

 3EC16E

 3EC16E

FFFFFF

 11A555

 7CFAA3

 008A3D

 9AFFBE

 007025

 B8FFDA

 00560C

 D5FFF7

 003D00

 F3FFFF

 002700

 000000

 3EC16E

 3EC16E

 2BC162

 51C17A

 17C156

 65C186

 04C149

 78C193

 00C147

 8BC19F

 9FC1AB

 B2C1B7

 C5C1C4

 D8C1D0

 ECC1DC

Harmonies

Analogous

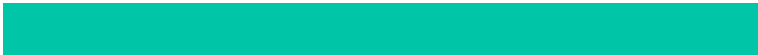
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91B740



3EC16E



00C5A7

Triad

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



3EC16E



00B1FF



FF7D76

Complementary

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



3EC16E



C13E91

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.



FF76AD



3EC16E



A99CFF

Square

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



3EC16E



00BFFF



EE84E5



F59248

Rectangle

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



3EC16E



00C6CE



EE84E5



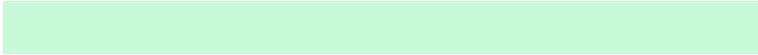
FF7888

Sweetspot

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



3EC16E



C8FADA



93C13E



5F7D6A



FCFCFC



7D7D7D

Same Dimension

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



3EC16E



2FFA7A



3EC1AD



57615B



00A13B



00210C

Inverse Universe

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



C13E91



FA2FB0



C13E52



61575D



A10066



210015

Previews

White Background



This preview shows how the Hex color 3EC16E looks on a white background.

Color Contrast Check

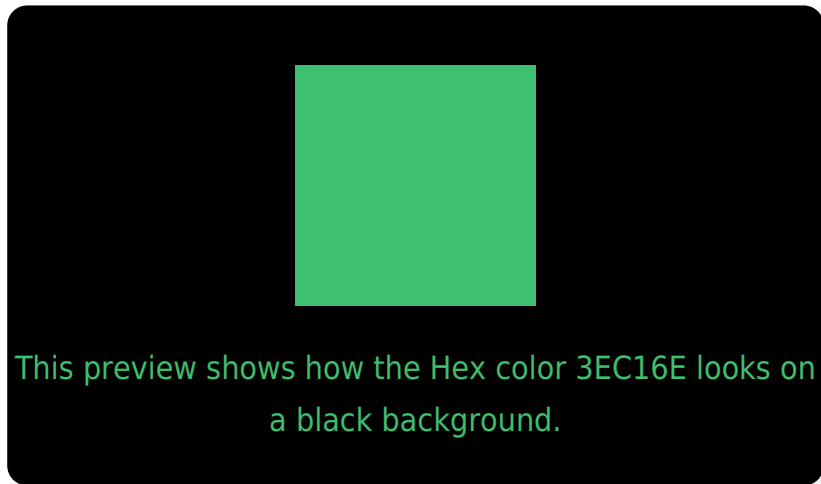
Large Text (above 18pt) WCAG AA × Fail

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

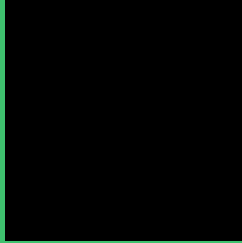
Any Text WCAG AA ✓ Pass

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 3EC16E Background



This preview shows how black text looks on a background with the Hex color 3EC16E.

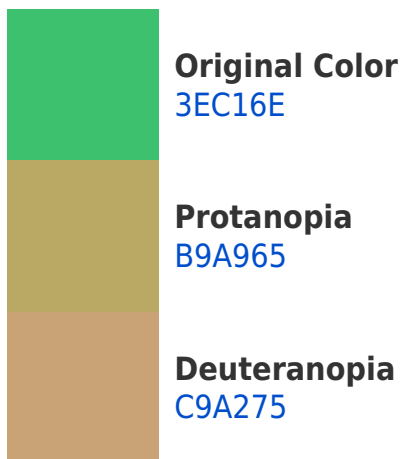


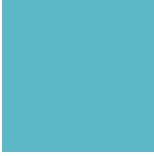
This preview shows how white text looks on a background with the Hex color 3EC16E.

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
5CB7C6

Trichromacy



Original Color
3EC16E



Protanomaly
8CB268



Deuteranomaly
96AD72



Tritanomaly
51BBA6

Monochromacy



Original Color
3EC16E



Achromatopsia
909090



Achromatomaly
72A284

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EC16E 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 #3EC16E looks like.

```
.text, #text, p{  
    color:#3EC16E  
}
```

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 #3EC16E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC16E
}
```

Border

The CSS property to change the border of an element to Hex 3EC16E 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
#3EC16E }
```

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

```
.border{ border-color:#3EC16E }
```

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

Here you see how a box with a 4 pixel #3EC16E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC16E; -webkit-box-shadow:4px 4px  
4px 4px #3EC16E; box-shadow:4px 4px 4px  
4px #3EC16E }
```

Background

The CSS property to change the background color of an element to Hex 3EC16E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC16E }
```

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

```
.background{ background-color:#3EC16E }
```

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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