

Converting Colors

Hex(3EEB3E)

Have a look what the booklet for
Hex(3EEB3E) contains.

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Color

Hex(3EEB3E)

Conversions

Conversions Part 1

Format	Color
Hex	3EEB3E
RGB	62, 235, 62
RGB Percent	24%, 92%, 24%
CMY	0.7569, 0.0784, 0.7569
CMYK	0.74, 0.00, 0.74, 0.08
HSL	120°, 81%, 58%
HSV	120°, 74%, 92%
XYZ	32.5644, 60.7886, 14.5745
YIQ	163.5510, -47.5750, -90.4790

Conversions

Conversions Part 2

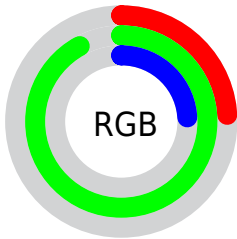
Format	Color
RYB	62, 235, 235
Decimal	4123454
CIELab	82.26, -73.69, 67.11
CIELCh	82, 99.670, 137.673
Yxy	60.7886, 0.3017, 0.5632
Android (android.graphics.Color)	4282313534 (0xFF3EEB3E)
YUV	163.5510, -50.0646, -89.0602
Hunter-Lab	77.9670, -61.8884, 43.4938

Details

The Hex color **3EEB3E** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **EB3EEB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **87FF78**, and **00B200** is the 20% darker color. If you saturate the color by 10%, you get **27EB27**, and if you desaturate by 10%, it is **56EB56**.

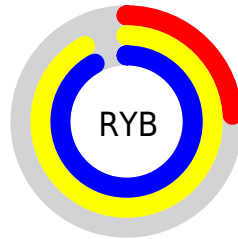
Distribution



Red (24%)

Green (92%)

Blue (24%)



Red (24%)

Yellow (92%)

Blue (92%)

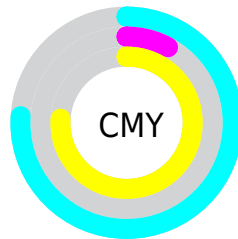


Cyan (74%)

Magenta (0%)

Yellow (74%)

Black (8%)



Cyan (76%)

Magenta (8%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EEB3E 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 3EEB3E by changing the saturation by 10% instead.

 3EEB3E

 3EEB3E


FFFFFF

 00CE1B

 87FF78

 00B200

 A7FF94

 009600

 C6FFB1

 007B00


 E6FFCE

 006000

 FFFFEB

 004600

 002E00

 000F00

 000000

 3EEB3E

 3EEB3E

 27EB27

 56EB56

 0FEB0F

 6DEB6D

 00EB00

 85EB85

 9CEB9C

 B4EBB4

 CBEBCB

 E3EBE3

 FAEBFA

 FFEBFF

Harmonies

Analogous

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



C2D900



3EEB3E



00F4A1

Triad

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



3EEB3E



00E3FF



FF649A

Complementary

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



3EEB3E



EB3EEB

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.



FF68F7



3EEB3E



5FC5FF

Square

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



3EEB3E



00F2FF



FF97FF



FF8F41

Rectangle

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



3EEB3E



00F6E3



FF97FF



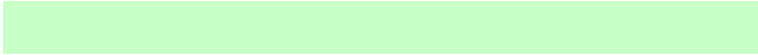
FF5EB9

Sweetspot

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



3EEB3E



C7FFC7



EBEB3E



5E805E



000000



808080

Same Dimension

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



3EEB3E



1FFF1F



3EEB95



6A756A



00B500



003600

Inverse Universe

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



EB3EEB



FF1FFF



EB3E95



756A75



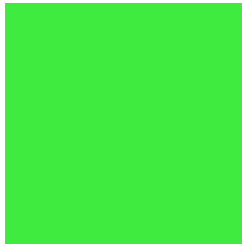
B500B5



360036

Previews

White Background



This preview shows how the Hex color 3EEB3E 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 3EEB3E 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 3EEB3E Background



This preview shows how black text looks on a background with the Hex color 3EEB3E.

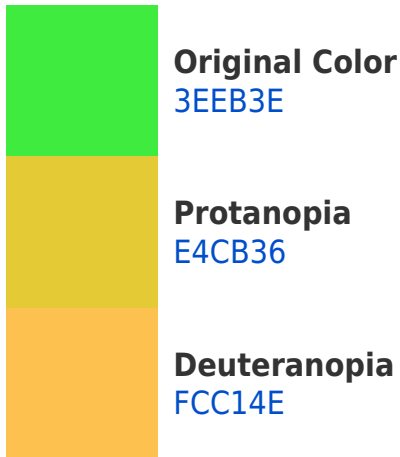


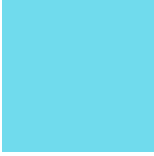
This preview shows how white text looks on a background with the Hex color 3EEB3E.

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](#).

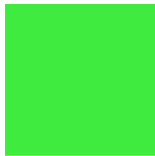
Dichromacy





Tritanopia
70DBED

Trichromacy



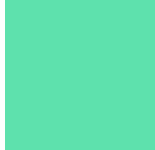
Original Color
3EEB3E



Protanomaly
A8D739

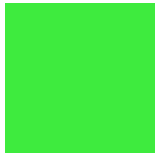


Deuteranomaly
B7D048



Tritanomaly
5EE1AD

Monochromacy



Original Color
3EEB3E



Achromatopsia
A4A4A4



Achromatomaly
7FBE7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EEB3E 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 #3EEB3E looks like.

```
.text, #text, p{  
    color:#3EEB3E  
}
```

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 #3EEB3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EEB3E
}
```

Border

The CSS property to change the border of an element to Hex 3EEB3E 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".

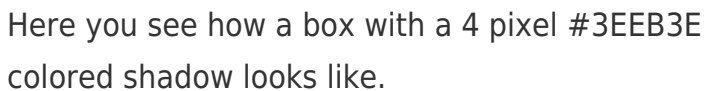
```
.border, #border, table{ border:4px solid
#3EEB3E }
```

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

```
.border{ border-color:#3EEB3E }
```

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

Here you see how a box with a 4 pixel #3EEB3E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EEB3E; -webkit-box-shadow:4px 4px  
4px 4px #3EEB3E; box-shadow:4px 4px 4px  
4px #3EEB3E }
```

Background

The CSS property to change the background color of an element to Hex 3EEB3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EEB3E }
```

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

```
.background{ background-color:#3EEB3E }
```

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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