

# Converting Colors

Hex(3EE917)

Have a look what the booklet for  
Hex(3EE917) contains.

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# **Color**

**Hex(3EE917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EE917
RGB	62, 233, 23
RGB Percent	24%, 91%, 9%
CMY	0.7569, 0.0863, 0.9098
CMYK	0.73, 0.00, 0.90, 0.09
HSL	109°, 83%, 50%
HSV	109°, 90%, 91%
XYZ	31.2802, 59.3638, 10.6203
YIQ	157.9310, -34.5060, -101.5620

# Conversions

## Conversions Part 2

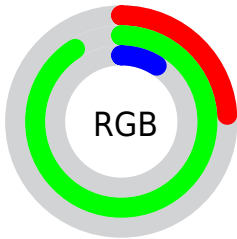
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">23, 233, 194</a>
Decimal	<a href="#">4122903</a>
CIELab	<a href="#">81.49, -75.01, 76.02</a>
CIELCh	<a href="#">81, 106.802, 134.616</a>
Yxy	<a href="#">59.3638, 0.3089, 0.5862</a>
Android (android.graphics.Color)	<a href="#">4282312983 (0xFF3EE917)</a>
YUV	<a href="#">157.9310, -66.5210, -84.1315</a>
Hunter-Lab	<a href="#">77.0479, -62.3658, 45.7610</a>

# Details

The Hex color **3EE917** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C217E9**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **87FF5F**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **2BE900**, and if you desaturate by 10%, it is **51E92E**.

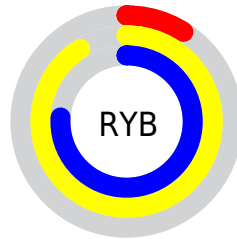
# Distribution



Red (24%)

Green (91%)

Blue (9%)



Red (9%)

Yellow (91%)

Blue (76%)

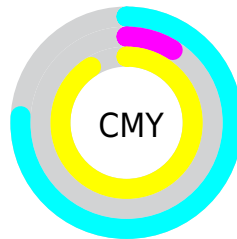


Cyan (73%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (76%)

Magenta (9%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EE917 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 3EE917 by changing the saturation by 10% instead.



 3EE917

 3EE917

FFFFFF

 00CC00

 87FF5F

 00B000

 A8FF7C

 009400

 C7FF99

 007900

 E7FFB6

 005E00

 FFFFD4

 004500

 FFFFF2

 002C00

 000A00

 000000

 3EE917

 3EE917

 2BE900

 51E92E

 64E946

 77E95D

 8AE974

 9DE98B

 B0E9A3

 C3E9BA

 D6E9D1

 E9E9E9

# Harmonies

## Analogous

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



C6D500



3EE917



00F391

# Triad

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



3EE917



00E5FF



FF4C9E

# Complementary

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



3EE917



C217E9

# 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.



FF5AFF



3EE917



00C6FF

# Square

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



3EE917



00F3FF



FF95FF



FF813D

# Rectangle

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



3EE917



00F5D8



FF95FF



FF45C0

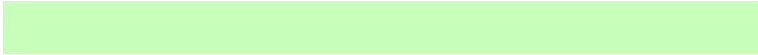


# Sweetspot

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



3EE917



C7FFBA



E9BF17



5E8057



000000



808080



# Same Dimension

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



3EE917



2FFF00



17E956



6C756A



22B500



0A3600



# Inverse Universe

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



C217E9



D000FF



E917AA



736A75



9300B5

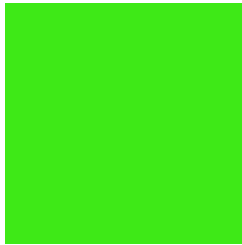


2C0036



# Previews

## White Background



This preview shows how the Hex color 3EE917 looks on a white background.

## Color Contrast Check

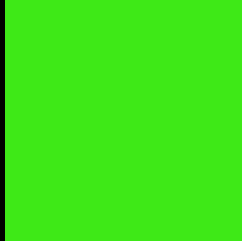
Large Text (above 18pt) WCAG AA × Fail

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 3EE917 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 3EE917 Background



This preview shows how black text looks on a background with the Hex color 3EE917.

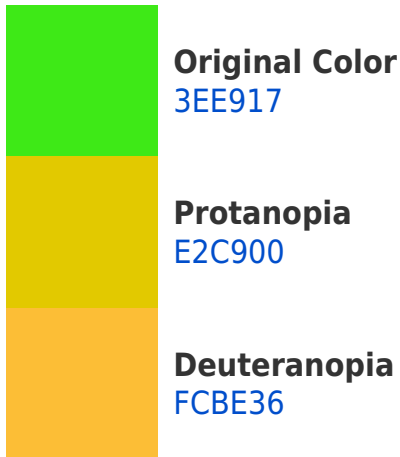


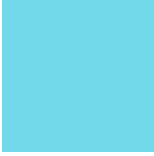
This preview shows how white text looks on a background with the Hex color 3EE917.

# 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](#).

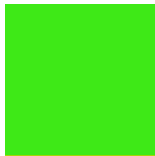
## Dichromacy





**Tritanopia**  
71D9EA

# Trichromacy



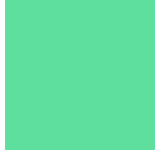
**Original Color**  
3EE917



**Protanomaly**  
A6D508



**Deuteranomaly**  
B7CE2B



**Tritanomaly**  
5EDF9D

# Monochromacy



**Original Color**  
3EE917



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
7BB96D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EE917 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 #3EE917 looks like.

```
.text, #text, p{  
    color:#3EE917  
}
```

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 #3EE917 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EE917
}
```

## Border

The CSS property to change the border of an element to Hex 3EE917 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
#3EE917 }
```

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

```
.border{ border-color:#3EE917 }
```

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

Here you see how a box with a 4 pixel #3EE917 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EE917; -webkit-box-shadow:4px 4px  
4px 4px #3EE917; box-shadow:4px 4px 4px  
4px #3EE917 }
```

# Background

The CSS property to change the background color of an element to Hex 3EE917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EE917 }
```

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

```
.background{ background-color:#3EE917 }
```

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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