

Converting Colors

Hex(3ED63E)

Have a look what the booklet for
Hex(3ED63E) contains.

Hex(3ED63E)	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(3ED63E)

Conversions

Conversions Part 1

Format	Color
Hex	3ED63E
RGB	62, 214, 62
RGB Percent	24%, 84%, 24%
CMY	0.7569, 0.1608, 0.7569
CMYK	0.71, 0.00, 0.71, 0.16
HSL	120°, 65%, 54%
HSV	120°, 71%, 84%
XYZ	26.9027, 49.4651, 12.6872
YIQ	151.2240, -41.8000, -79.4960

Conversions

Conversions Part 2

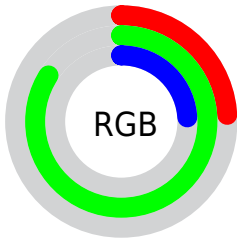
Format	Color
RYB	62, 214, 214
Decimal	4118078
CIELab	75.74, -67.14, 60.49
CIELCh	76, 90.369, 137.985
Yxy	49.4651, 0.3021, 0.5554
Android (android.graphics.Color)	4282308158 (0xFF3ED63E)
YUV	151.2240, -43.9874, -78.2494
Hunter-Lab	70.3314, -54.8014, 38.5365

Details

The Hex color **3ED63E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D63ED6**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **82FF76**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **29D629**, and if you desaturate by 10%, it is **53D653**.

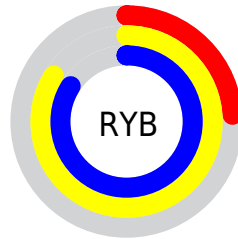
Distribution



Red (24%)

Green (84%)

Blue (24%)



Red (24%)

Yellow (84%)

Blue (84%)

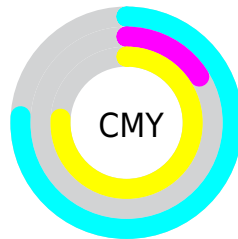


Cyan (71%)

Magenta (0%)

Yellow (71%)

Black (16%)



Cyan (76%)

Magenta (16%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3ED63E 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 3ED63E by changing the saturation by 10% instead.



3ED63E



3ED63E

FFFFFF



00BA1E



82FF76



009E00



A1FF91



008300



C0FFAD



006800



DFFFCA



004E00



FEFFE7



003700



001C00



000000



3ED63E



3ED63E

 29D629

 53D653

 13D613

 69D669

 00D600

 7ED67E

 94D694

 A9D6A9

 BED6BE

 D4D6D4

 E9D6E9

 FFD6FF

Harmonies

Analogous

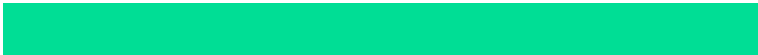
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1C600



3ED63E



00DE95

Triad

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



3ED63E



00CEFF



FF618D

Complementary

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



3ED63E



D63ED6

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.



FF63E0



3ED63E



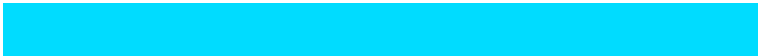
62B3FF

Square

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



3ED63E



00DCFF



FB8BFF



FF853E

Rectangle

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



3ED63E



00E0CF



FB8BFF



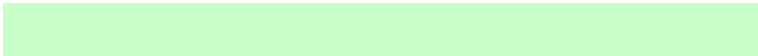
FF5BA8

Sweetspot

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



3ED63E



C9FFC9



D6D63E



608060



000000



808080

Same Dimension

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



3ED63E



26FF26



3ED68A



606B60



00AB00



002B00

Inverse Universe

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



D63ED6



FF26FF



D63E8A



6B606B



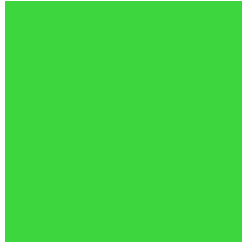
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 3ED63E looks on a white background.

Color Contrast Check

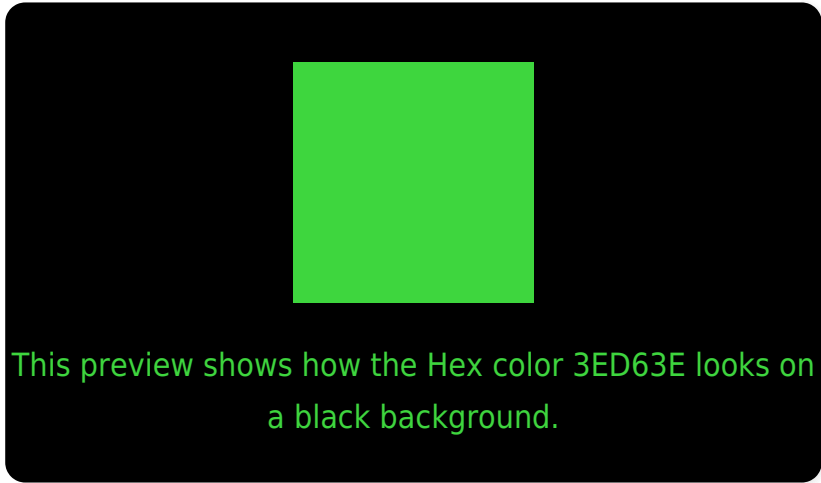
Large Text (above 18pt) WCAG AA × Fail

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 3ED63E Background



This preview shows how black text looks on a background with the Hex color 3ED63E.

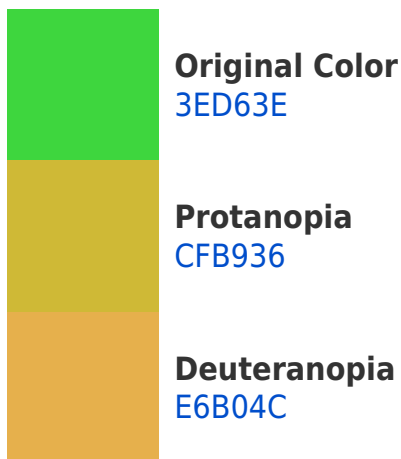


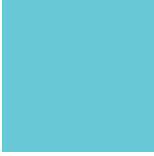
This preview shows how white text looks on a background with the Hex color 3ED63E.

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
68C8D8

Trichromacy



Original Color
3ED63E



Protanomaly
9AC439



Deuteranomaly
A9BE47



Tritanomaly
59CDA0

Monochromacy



Original Color
3ED63E



Achromatopsia
979797



Achromatomaly
77AE77

CSS Examples

Text

The CSS property to change the color of the text to Hex 3ED63E 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 #3ED63E looks like.

```
.text, #text, p{  
    color:#3ED63E  
}
```

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 #3ED63E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ED63E
}
```

Border

The CSS property to change the border of an element to Hex 3ED63E 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
#3ED63E }
```

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

```
.border{ border-color:#3ED63E }
```

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

Here you see how a box with a 4 pixel #3ED63E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ED63E; -webkit-box-shadow:4px 4px  
4px 4px #3ED63E; box-shadow:4px 4px 4px  
4px #3ED63E }
```

Background

The CSS property to change the background color of an element to Hex 3ED63E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ED63E }
```

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

```
.background{ background-color:#3ED63E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor