

# Converting Colors

Hex(3EDF3E)

Have a look what the booklet for  
Hex(3EDF3E) contains.

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# Color

Hex(3EDF3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3EDF3E
RGB	62, 223, 62
RGB Percent	24%, 87%, 24%
CMY	0.7569, 0.1255, 0.7569
CMYK	0.72, 0.00, 0.72, 0.13
HSL	120°, 72%, 56%
HSV	120°, 72%, 87%
XYZ	29.2438, 54.1473, 13.4676
YIQ	156.5070, -44.2750, -84.2030

# Conversions

## Conversions Part 2

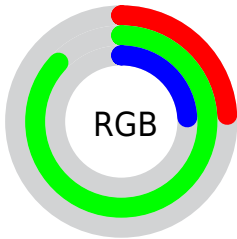
Format	Color
<b>RYB</b>	62, 223, 223
Decimal	4120382
CIELab	78.55, -69.98, 63.36
CIELCh	79, 94.408, 137.842
Yxy	54.1473, 0.3019, 0.5590
Android (android.graphics.Color)	4282310462 (0xFF3EDF3E)
YUV	156.5070, -46.5920, -82.8826
Hunter-Lab	73.5848, -57.8347, 40.6581

# Details

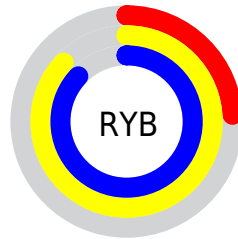
The Hex color **3EDF3E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **DF3EDF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **84FF77**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **28DF28**, and if you desaturate by 10%, it is **54DF54**.

# Distribution



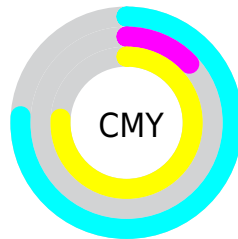
- Red (24%)
- Green (87%)
- Blue (24%)



- Red (24%)
- Yellow (87%)
- Blue (87%)



- Cyan (72%)
- Magenta (0%)
- Yellow (72%)
- Black (13%)



- Cyan (76%)
- Magenta (13%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EDF3E 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 3EDF3E by changing the saturation by 10% instead.



 3EDF3E

 3EDF3E

FFFFFF

 00C21D

 84FF77

 00A600

 A4FF92

 008B00

 C3FFAF

 007000

 E2FFCC

 005600

 FFFFE9

 003D00

 002400


 000000

 3EDF3E

 3EDF3E

 28DF28

 54DF54

 11DF11

 6BDF6B

 00DF00

 81DF81

 97DF97

 AEDFAE

 C4DFC4

 DADFDA

 F0DFF0

 FFDFFF

# Harmonies

## Analogous

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



B8CE00



3EDF3E



00E79A

# Triad

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



3EDF3E



00D7FF



FF6292

# Complementary

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



3EDF3E



DF3EDF

# 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.



FF65EA



3EDF3E



61BBFF

# Square

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



3EDF3E



00E5FF



FF90FF



FF893F

# Rectangle

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



3EDF3E



00E9D8



FF90FF



FF5CAF

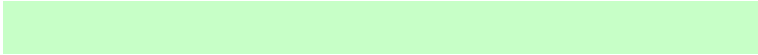


# Sweetspot

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



3EDF3E



C7FFC7



DFDF3E



5E805E



000000



808080



# Same Dimension

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



3EDF3E



21FF21



3EDF8F



657065



00B000



003000



# Inverse Universe

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



DF3EDF



FF21FF



DF3E8F



706570



B000B0

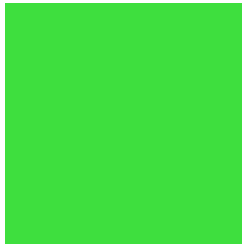


300030



# Previews

## White Background



This preview shows how the Hex color 3EDF3E 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 3EDF3E 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

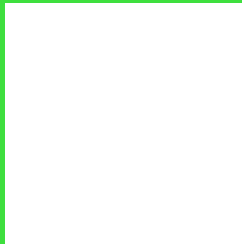
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EDF3E Background



This preview shows how black text looks on a background with the Hex color 3EDF3E.

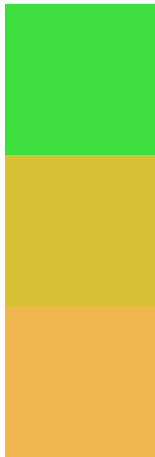


This preview shows how white text looks on a background with the Hex color 3EDF3E.

# 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](#).

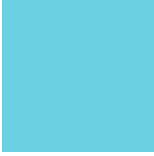
## Dichromacy



**Original Color**  
3EDF3E

**Protanopia**  
D8C136

**Deuteranopia**  
EFB74D



**Tritanopia**  
6BD0E1

# Trichromacy



**Original Color**  
3EDF3E



**Protanomaly**  
A0CC39



**Deuteranomaly**  
AFC648



**Tritanomaly**  
5BD5A6

# Monochromacy



**Original Color**  
3EDF3E



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
7AB57A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EDF3E 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 #3EDF3E looks like.

```
.text, #text, p{  
    color:#3EDF3E  
}
```

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 #3EDF3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EDF3E
}
```

## Border

The CSS property to change the border of an element to Hex 3EDF3E 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
#3EDF3E }
```

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

```
.border{ border-color:#3EDF3E }
```

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

Here you see how a box with a 4 pixel #3EDF3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EDF3E; -webkit-box-shadow:4px 4px  
4px 4px #3EDF3E; box-shadow:4px 4px 4px  
4px #3EDF3E }
```

# Background

The CSS property to change the background color of an element to Hex 3EDF3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EDF3E }
```

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

```
.background{ background-color:#3EDF3E }
```

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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