

# Converting Colors

Hex(3ED12E)

Have a look what the booklet for  
Hex(3ED12E) contains.

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# Color

Hex(3ED12E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3ED12E
RGB	62, 209, 46
RGB Percent	24%, 82%, 18%
CMY	0.7569, 0.1804, 0.8196
CMYK	0.70, 0.00, 0.78, 0.18
HSL	114°, 64%, 50%
HSV	114°, 78%, 82%
XYZ	25.2802, 46.8223, 10.2900
YIQ	146.4650, -35.2890, -81.8570

# Conversions

## Conversions Part 2

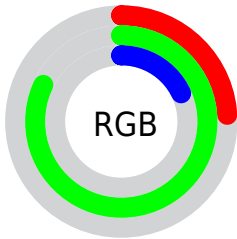
Format	Color
<a href="#">RYB</a>	<a href="#">46, 209, 193</a>
Decimal	<a href="#">4116782</a>
CIELab	<a href="#">74.08, -66.71, 64.20</a>
CIELCh	<a href="#">74, 92.585, 136.095</a>
Yxy	<a href="#">46.8223, 0.3068, 0.5683</a>
Android (android.graphics.Color)	<a href="#">4282306862 (0xFF3ED12E)</a>
YUV	<a href="#">146.4650, -49.5292, -74.0758</a>
Hunter-Lab	<a href="#">68.4268, -53.8004, 38.9828</a>

# Details

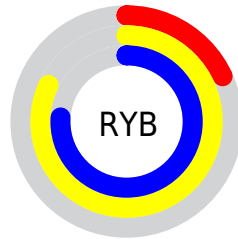
The Hex color **3ED12E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C12ED1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **82FF68**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **2BD119**, and if you desaturate by 10%, it is **51D143**.

# Distribution



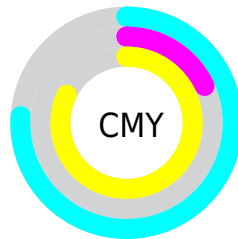
- Red (24%)
- Green (82%)
- Blue (18%)



- Red (18%)
- Yellow (82%)
- Blue (76%)



- Cyan (70%)
- Magenta (0%)
- Yellow (78%)
- Black (18%)



- Cyan (76%)
- Magenta (18%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3ED12E 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 3ED12E by changing the saturation by 10% instead.



 3ED12E

 3ED12E

FFFFFF

 00B500

 82FF68

 009900

 A1FF84

 007E00

 C0FFA0

 006400

 DEFFBD

 004A00

 FDFFDA

 003300

 FFFFF7

 001700

 000000

 3ED12E

 3ED12E

 2BD119

 51D143

 18D104

 64D158

 15D100

 77D16D

 89D182

 9CD197

 AFD1AB

 C2D1C0

 D5D1D5

 E8D1EA

# Harmonies

## Analogous

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



B0C000



3ED12E



00D98A

# Triad

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



3ED12E



00CBFF



FF558C

# Complementary

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



3ED12E



C12ED1

# 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.



FF5BE1



3ED12E



37B1FF

# Square

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



3ED12E



00D8FF



F187FF



FF7B3B

# Rectangle

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



3ED12E



00DCC6



F187FF



FF50A9

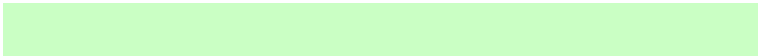


# Sweetspot

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



3ED12E



CAFFC4



D1C12E



5F805C



000000



808080



# Same Dimension

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



3ED12E



27FF0F



2ED16F



5F695E



11A800



042900



# Inverse Universe

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



C12ED1



E70FFF



D12E90



685E69



9800A8

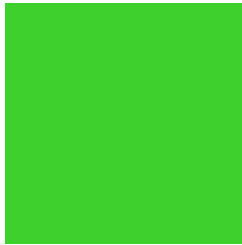


250029



# Previews

## White Background



This preview shows how the Hex color 3ED12E looks on a white background.

## Color Contrast Check

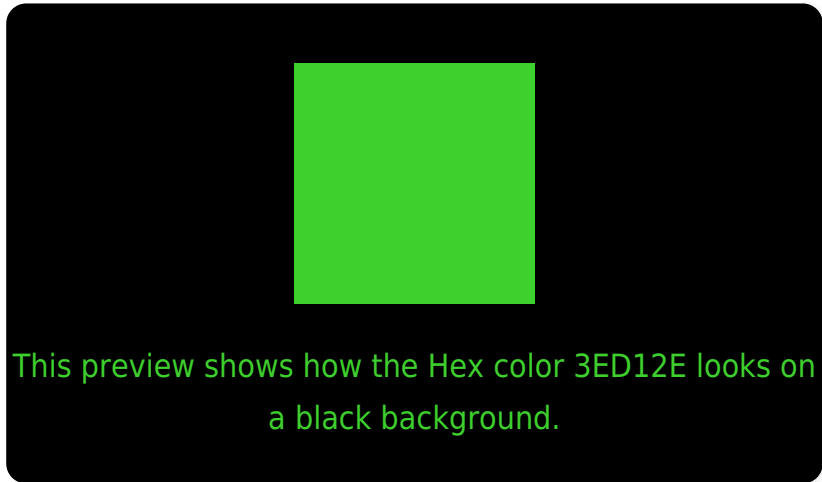
Large Text (above 18pt) WCAG AA × Fail

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 3ED12E Background



This preview shows how black text looks on a background with the Hex color 3ED12E.



This preview shows how white text looks on a background with the Hex color 3ED12E.

# 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](#).

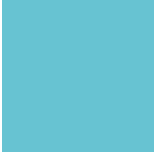
## Dichromacy



**Original Color**  
3ED12E

**Protanopia**  
CBB527

**Deuteranopia**  
E2AB3F



**Tritanopia**  
67C3D2

# Trichromacy



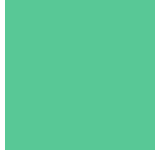
**Original Color**  
3ED12E



**Protanomaly**  
98BF2A



**Deuteranomaly**  
A6B939



**Tritanomaly**  
58C896

# Monochromacy



**Original Color**  
3ED12E



**Achromatopsia**  
929292



**Achromatomaly**  
73A96E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3ED12E 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 #3ED12E looks like.

```
.text, #text, p{  
    color:#3ED12E  
}
```

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 #3ED12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ED12E
}
```

## Border

The CSS property to change the border of an element to Hex 3ED12E 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
#3ED12E }
```

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

```
.border{ border-color:#3ED12E }
```

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

Here you see how a box with a 4 pixel #3ED12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ED12E; -webkit-box-shadow:4px 4px  
4px 4px #3ED12E; box-shadow:4px 4px 4px  
4px #3ED12E }
```

# Background

The CSS property to change the background color of an element to Hex 3ED12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ED12E }
```

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

```
.background{ background-color:#3ED12E }
```

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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