

# Converting Colors

Hex(18ED4E)

Have a look what the booklet for  
Hex(18ED4E) contains.

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**Color**

**Hex(18ED4E)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 18ED4E                       |
| RGB         | 24, 237, 78                  |
| RGB Percent | 9%, 93%, 31%                 |
| CMY         | 0.9059, 0.0706, 0.6941       |
| CMYK        | 0.90, 0.00, 0.67, 0.07       |
| HSL         | 135°, 86%, 51%               |
| HSV         | 135°, 90%, 93%               |
| XYZ         | 32.0360, 61.3126, 17.3538    |
| YIQ         | 155.1870, -75.9090, -94.6050 |

# Conversions

## Conversions Part 2

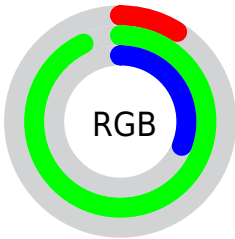
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">24, 194, 237</a>                                 |
| Decimal                             | <a href="#">1633614</a>                                      |
| CIELab                              | <a href="#">82.55, -76.80, 61.47</a>                         |
| CIELCh                              | <a href="#">83, 98.374, 141.327</a>                          |
| Yxy                                 | <a href="#">61.3126, 0.2894, 0.5539</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4279823694</a><br>( <a href="#">0xFF18ED4E</a> ) |
| YUV                                 | <a href="#">155.1870, -38.0532, -115.0510</a>                |
| Hunter-Lab                          | <a href="#">78.3024, -63.9991, 41.6715</a>                   |

# Details

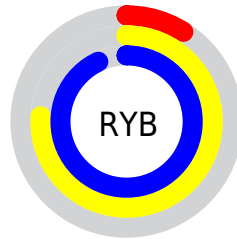
The Hex color **18ED4E** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **ED18B7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **75FF86**, and **00B308** is the 20% darker color. If you saturate the color by 10%, you get **00ED3C**, and if you desaturate by 10%, it is **30ED60**.

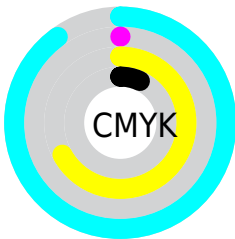
# Distribution



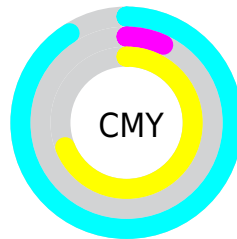
- Red (9%)
- Green (93%)
- Blue (31%)



- Red (9%)
- Yellow (76%)
- Blue (93%)



- Cyan (90%)
- Magenta (0%)
- Yellow (67%)
- Black (7%)



- Cyan (91%)
- Magenta (7%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18ED4E 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 18ED4E by changing the saturation by 10% instead.



 18ED4E

 18ED4E


FFFFFF

 00D031

 75FF86

 00B308

 97FFA2

 009700

 B7FFBE


 007C00

 D7FFDB

 006100

 F7FFF8

 004800

 002F00

 001000

 000000

 18ED4E

 18ED4E

 00ED3C

 30ED60

 47ED71

 5FED83

 77ED95

 8EEDA6

 A6EDB8

 BEEDCA

 D6EDDC

 EDEDED

# Harmonies

## Analogous

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



B7DC00



18ED4E



00F5AF

# Triad

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



18ED4E



00E1FF



FF6C90

# Complementary

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



18ED4E



ED18B7

# Split Complementary

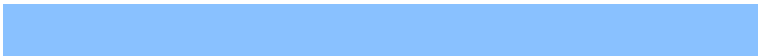
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF68EC



18ED4E



89C1FF

# Square

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



18ED4E



00F1FF



FF93FF



FF9738

# Rectangle

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



18ED4E



00F7EF



FF93FF



FF64AF

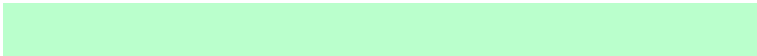


# Sweetspot

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



18ED4E



BAFFCC



B8ED18



578061



000000



808080



# Same Dimension

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



18ED4E



00FF41



18EDB8



6A756D



00B52E



00360E



# Inverse Universe

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



ED18B7



FF00BE



ED184D



756A72



B50087

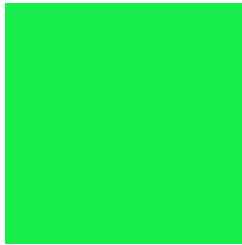


360028



# Previews

## White Background



This preview shows how the Hex color 18ED4E looks on a white background.

## Color Contrast Check

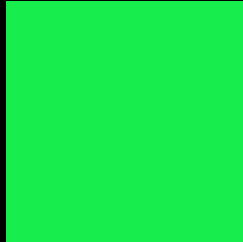
Large Text (above 18pt) WCAG AA × Fail

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 18ED4E 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 18ED4E Background



This preview shows how black text looks on a background with the Hex color 18ED4E.

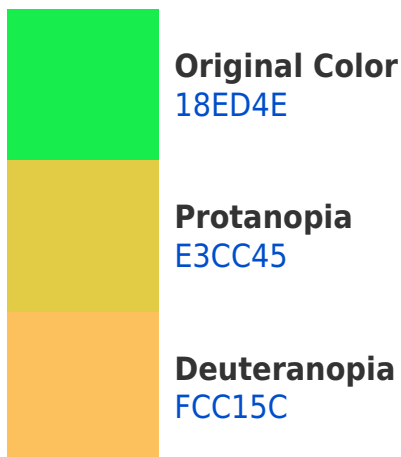


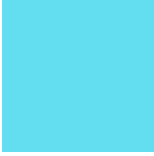
This preview shows how white text looks on a background with the Hex color 18ED4E.

# 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](#).

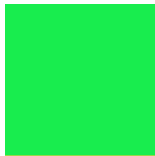
## Dichromacy





**Tritanopia**  
62DEF0

# Trichromacy



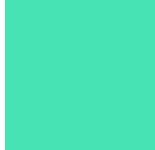
**Original Color**  
18ED4E



**Protanomaly**  
99D848



**Deuteranomaly**  
A9D157



**Tritanomaly**  
47E3B5

# Monochromacy



**Original Color**  
18ED4E



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
6BB97F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18ED4E 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 #18ED4E looks like.

```
.text, #text, p{  
    color:#18ED4E  
}
```

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 #18ED4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18ED4E
}
```

## Border

The CSS property to change the border of an element to Hex 18ED4E 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
#18ED4E }
```

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

```
.border{ border-color:#18ED4E }
```

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

Here you see how a box with a 4 pixel #18ED4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18ED4E; -webkit-box-shadow:4px 4px  
4px 4px #18ED4E; box-shadow:4px 4px 4px  
4px #18ED4E }
```

# Background

The CSS property to change the background color of an element to Hex 18ED4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18ED4E }
```

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

```
.background{ background-color:#18ED4E }
```

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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