

Converting Colors

Hex(18E773)

Have a look what the booklet for
Hex(18E773) contains.

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Color

Hex(18E773)

Conversions

Conversions Part 1

Format	Color
Hex	18E773
RGB	24, 231, 115
RGB Percent	9%, 91%, 45%
CMY	0.9059, 0.0941, 0.5490
CMYK	0.90, 0.00, 0.50, 0.09
HSL	146°, 81%, 50%
HSV	146°, 90%, 91%
XYZ	32.0471, 58.5838, 25.8384
YIQ	155.8830, -86.1360, -79.9600

Conversions

Conversions Part 2

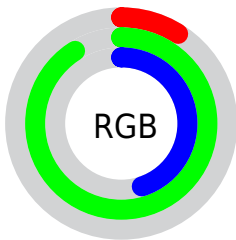
Format	Color
RYB	24, 168, 231
Decimal	1632115
CIELab	81.06, -70.37, 43.53
CIELCh	81, 82.740, 148.260
Yxy	58.5838, 0.2752, 0.5030
Android (android.graphics.Color)	4279822195 (0xFF18E773)
YUV	155.8830, -20.1553, -115.6614
Hunter-Lab	76.5401, -59.2077, 33.5629

Details

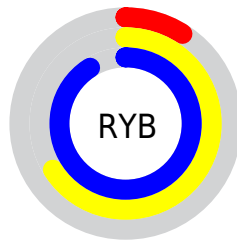
The Hex color **18E773** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E7188C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFA9**, and **00AE3F** is the 20% darker color. If you saturate the color by 10%, you get **01E766**, and if you desaturate by 10%, it is **2FE780**.

Distribution



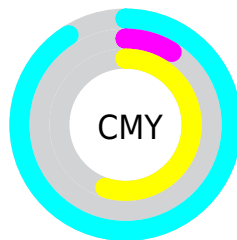
- Red (9%)
- Green (91%)
- Blue (45%)



- Red (9%)
- Yellow (66%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (50%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18E773 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 18E773 by changing the saturation by 10% instead.

 18E773

FFFFFF

 72FFA9

 93FFC5

 B3FFE1

 D3FFFE

 F2FFFF

 18E773

 00CA59

 00AE3F

 009225

 007706

 005D00

 004300

 002B00

 000700

 000000

 18E773

 18E773

 01E766

 2FE780

 00E766

 46E78D

 5DE79A

 74E7A7

 8CE7B4

 A3E7C1

 BAE7CE

 D1E7DB

 E8E7E8

Harmonies

Analogous

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



A7DA2C



18E773



00EDC2

Triad

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



18E773



00D4FF



FF8685

Complementary

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



18E773



E7188C

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.



FF7BD1



18E773



BFB7FF

Square

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



18E773



00E5FF



FF93FF



FFA541

Rectangle

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



18E773



00EDF8



FF93FF



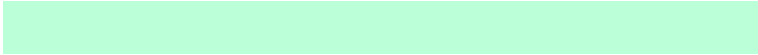
FF7F9D

Sweetspot

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



18E773



BAFFD8



8DE718



578069



000000



808080

Same Dimension

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



18E773



00FF70



18E7D9



67736C



00B34E



003316

Inverse Universe

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



E7188C



FF008F



E71826



73676E



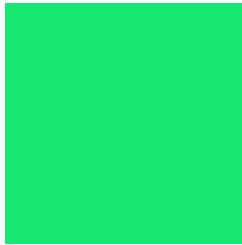
B30064



33001D

Previews

White Background



This preview shows how the Hex color 18E773 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 18E773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

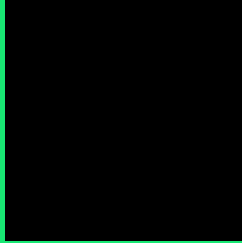
Any Text WCAG AA ✓ Pass

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 18E773 Background



This preview shows how black text looks on a background with the Hex color 18E773.

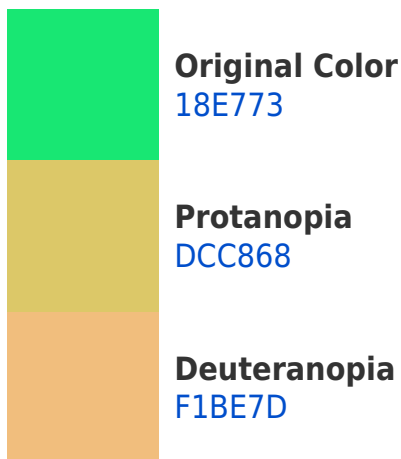


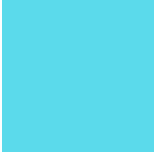
This preview shows how white text looks on a background with the Hex color 18E773.

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](#).

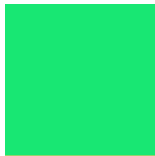
Dichromacy





Tritanopia
5BDAEB

Trichromacy



Original Color
18E773



Protanomaly
95D36C



Deuteranomaly
A2CD79



Tritanomaly
43DFBF

Monochromacy



Original Color
18E773



Achromatopsia
9C9C9C



Achromatomaly
6CB78D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18E773 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 #18E773 looks like.

```
.text, #text, p{  
  color:#18E773  
}
```

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 #18E773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18E773
}
```

Border

The CSS property to change the border of an element to Hex 18E773 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
#18E773 }
```

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

```
.border{ border-color:#18E773 }
```

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

Here you see how a box with a 4 pixel #18E773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18E773; -webkit-box-shadow:4px 4px  
4px 4px #18E773; box-shadow:4px 4px 4px  
4px #18E773 }
```

Background

The CSS property to change the background color of an element to Hex 18E773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18E773 }
```

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

```
.background{ background-color:#18E773 }
```

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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