

Converting Colors

Hex(18ED7C)

Have a look what the booklet for
Hex(18ED7C) contains.

| | |
|--|----|
| Hex(18ED7C) | 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(18ED7C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 18ED7C |
| RGB | 24, 237, 124 |
| RGB Percent | 9%, 93%, 49% |
| CMY | 0.9059, 0.0706, 0.5137 |
| CMYK | 0.90, 0.00, 0.48, 0.07 |
| HSL | 148°, 86%, 51% |
| HSV | 148°, 90%, 93% |
| XYZ | 34.2990, 62.2178, 29.2703 |
| YIQ | 160.4310, -90.6750, -80.2990 |

Conversions

Conversions Part 2

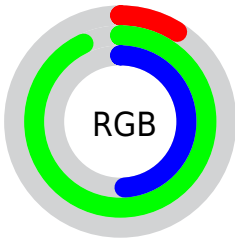
| Format | Color |
|-------------------------------------|---|
| RYB | 24, 169, 237 |
| Decimal | 1633660 |
| CIELab | 83.03, -70.88, 41.66 |
| CIELCh | 83, 82.214, 149.553 |
| Yxy | 62.2178, 0.2727, 0.4946 |
| Android (android.graphics.Color) | 4279823740 (0xFF18ED7C) |
| YUV | 160.4310, -17.9605, -119.6500 |
| Hunter-Lab | 78.8783, -60.4191, 33.2133 |

Details

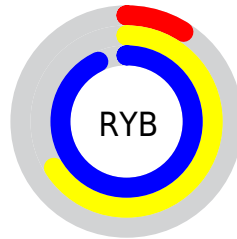
The Hex color **18ED7C** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **ED1889**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **73FFB2**, and **00B348** is the 20% darker color. If you saturate the color by 10%, you get **00ED6F**, and if you desaturate by 10%, it is **30ED89**.

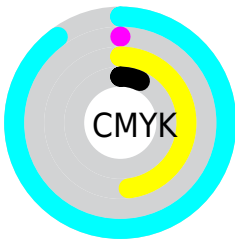
Distribution



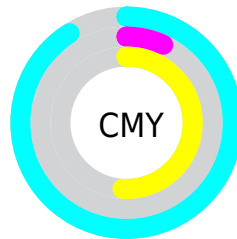
- Red (9%)
- Green (93%)
- Blue (49%)



- Red (9%)
- Yellow (66%)
- Blue (93%)



- Cyan (90%)
- Magenta (0%)
- Yellow (48%)
- Black (7%)



- Cyan (91%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18ED7C 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 18ED7C by changing the saturation by 10% instead.

 18ED7C

 18ED7C

FFFFFF

 00D062

 73FFB2

 00B348

 95FFCE

 00982F

 B5FFEB

 007C14

 D5FFFF

 006200

 F4FFFF

 004800

 003000

 001300

 000000

 18ED7C

 18ED7C

 00ED6F

 30ED89

 47ED95

 5FEDA2

 77EDAE

 8EEDBB

 A6EDC7

 BEEDD4

 D6EDE1

 EDEDED

Harmonies

Analogous

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



A9E037



18ED7C



00F3CB

Triad

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



18ED7C



00D8FF



FF8D87

Complementary

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



18ED7C



ED1889

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.



FF82D3



18ED7C



CBBBFF

Square

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



18ED7C



00EAFF



FF98FF



FFAC45

Rectangle

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



18ED7C



00F3FF



FF98FF



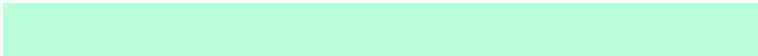
FF86A0

Sweetspot

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



18ED7C



BAFFDA



8AED18



57806A



000000



808080

Same Dimension

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



18ED7C



00FF78



18EDE6



6A756F



00B555



003619

Inverse Universe

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



ED1889



FF0087



ED181F



756A70



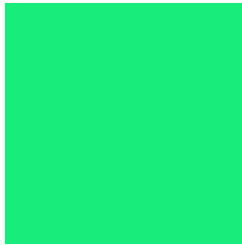
B50060



36001C

Previews

White Background



This preview shows how the Hex color 18ED7C looks on a white background.

Color Contrast Check

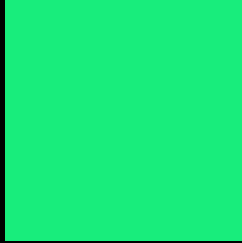
Large Text (above 18pt) WCAG AA × Fail

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 18ED7C 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

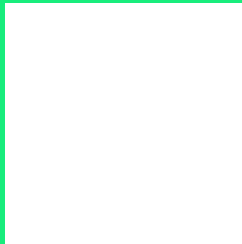
Any Text WCAG AAA ✓ Pass

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

Hex 18ED7C Background



This preview shows how black text looks on a background with the Hex color 18ED7C.

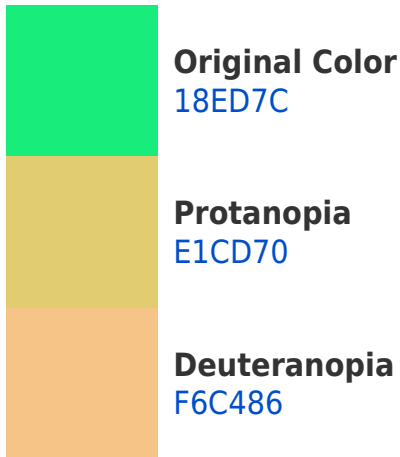


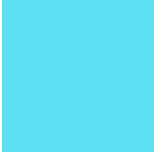
This preview shows how white text looks on a background with the Hex color 18ED7C.

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
5CE0F2

Trichromacy



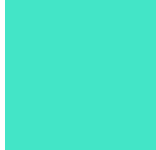
Original Color
18ED7C



Protanomaly
98D974



Deuteranomaly
A5D382

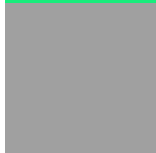


Tritanomaly
43E5C7

Monochromacy



Original Color
18ED7C



Achromatopsia
A0A0A0



Achromatomaly
6FBC93

CSS Examples

Text

The CSS property to change the color of the text to Hex 18ED7C 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 #18ED7C looks like.

```
.text, #text, p{  
    color:#18ED7C  
}
```

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 #18ED7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18ED7C  
}
```

Border

The CSS property to change the border of an element to Hex 18ED7C 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  
#18ED7C }
```

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

```
.border{ border-color:#18ED7C }
```

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

Here you see how a box with a 4 pixel #18ED7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18ED7C; -webkit-box-shadow:4px 4px  
4px 4px #18ED7C; box-shadow:4px 4px 4px  
4px #18ED7C }
```

Background

The CSS property to change the background color of an element to Hex 18ED7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18ED7C }
```

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

```
.background{ background-color:#18ED7C }
```

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