

Converting Colors

Hex(10E8A7)

Have a look what the booklet for
Hex(10E8A7) contains.

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Color

Hex(10E8A7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 10E8A7 |
| RGB | 16, 232, 167 |
| RGB Percent | 6%, 91%, 65% |
| CMY | 0.9373, 0.0902, 0.3451 |
| CMYK | 0.93, 0.00, 0.28, 0.09 |
| HSL | 162°, 87%, 49% |
| HSV | 162°, 93%, 91% |
| XYZ | 36.0453, 60.6134, 46.3590 |
| YIQ | 160.0060, -107.8710, -66.0070 |

Conversions

Conversions Part 2

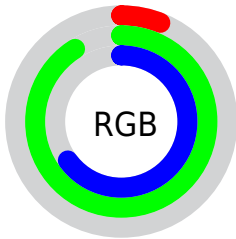
| Format | Color |
|-------------------------------------|---|
| RYB | 16, 143, 232 |
| Decimal | 1108135 |
| CIELab | 82.17, -61.23, 18.80 |
| CIELCh | 82, 64.054, 162.933 |
| Yxy | 60.6134, 0.2520, 0.4238 |
| Android (android.graphics.Color) | 4279298215 (0xFF10E8A7) |
| YUV | 160.0060, 3.4480, -126.2933 |
| Hunter-Lab | 77.8546, -53.6031, 19.1936 |

Details

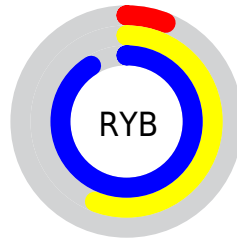
The Hex color **10E8A7** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E81051**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **70FFDE**, and **00AF73** is the 20% darker color. If you saturate the color by 10%, you get **00E8A2**, and if you desaturate by 10%, it is **27E8AE**.

Distribution



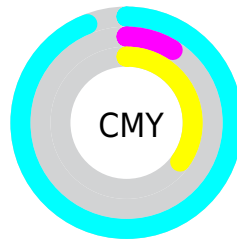
- Red (6%)
- Green (91%)
- Blue (65%)



- Red (6%)
- Yellow (56%)
- Blue (91%)



- Cyan (93%)
- Magenta (0%)
- Yellow (28%)
- Black (9%)



- Cyan (94%)
- Magenta (9%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10E8A7 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 10E8A7 by changing the saturation by 10% instead.

 10E8A7

FFFFFF

 70FFDE

 92FFFB

 B2FFFF

 D1FFFF

 F1FFFF

 10E8A7

 00CB8C

 00AF73

 00935A

 007842

 005E2C

 004516

 002E00

 000E00

 000000

■ 10E8A7

■ 10E8A7

■ 00E8A2

■ 27E8AE

■ 3EE8B5

■ 56E8BC

■ 6DE8C3

■ 84E8CA

■ 9BE8D1

■ B2E8D8

■ CAE8DF

■ E1E8E6

Harmonies

Analogous

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



93E070



10E8A7



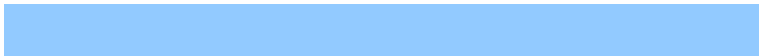
00EAE5

Triad

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



10E8A7



92CAFF



FFA67D

Complementary

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



10E8A7



E81051

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.



FF98B5



10E8A7



F2B2FF

Square

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



10E8A7



00DCFF



FF9DF1



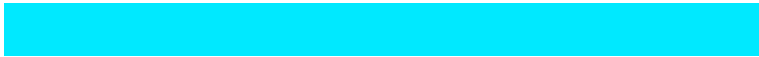
FFBD57

Rectangle

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



10E8A7



00E9FF



FF9DF1



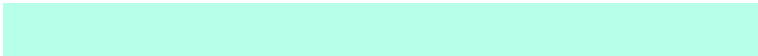
FFA08E

Sweetspot

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



10E8A7



B8FFEA



54E810



548072



000000



808080

Same Dimension

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



10E8A7



00FFB2



10C0E8



67736F



00B37D



003324

Inverse Universe

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



E81051



FF004D



E83810



73676B



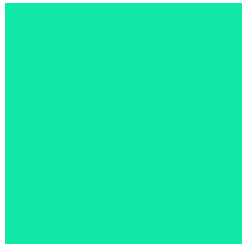
B30036



33000F

Previews

White Background



This preview shows how the Hex color 10E8A7 looks on a white background.

Color Contrast Check

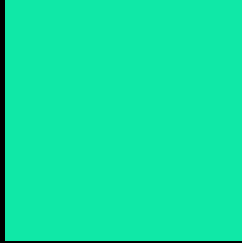
Large Text (above 18pt) WCAG AA × Fail

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 10E8A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

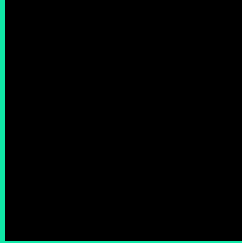
Any Text WCAG AA ✓ Pass

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 10E8A7 Background



This preview shows how black text looks on a background with the Hex color 10E8A7.

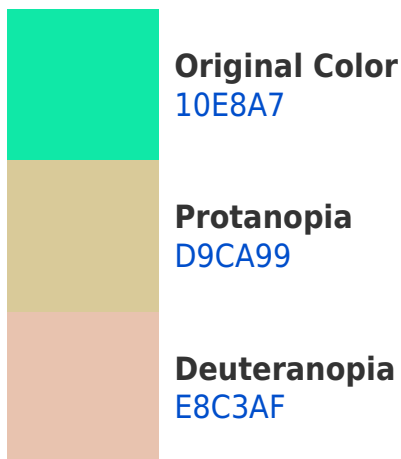


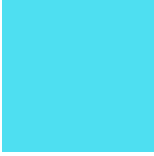
This preview shows how white text looks on a background with the Hex color 10E8A7.

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
4EDFF1

Trichromacy



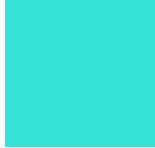
Original Color
10E8A7



Protanomaly
90D59E



Deuteranomaly
99D0AC

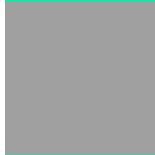


Tritanomaly
37E2D6

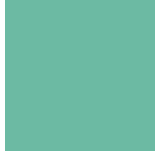
Monochromacy



Original Color
10E8A7



Achromatopsia
A0A0A0



Achromatomaly
6CBAA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 10E8A7 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 #10E8A7 looks like.

```
.text, #text, p{  
    color:#10E8A7  
}
```

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 #10E8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10E8A7
}
```

Border

The CSS property to change the border of an element to Hex 10E8A7 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
#10E8A7 }
```

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

```
.border{ border-color:#10E8A7 }
```

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

Here you see how a box with a 4 pixel #10E8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10E8A7; -webkit-box-shadow:4px 4px  
4px 4px #10E8A7; box-shadow:4px 4px 4px  
4px #10E8A7 }
```

Background

The CSS property to change the background color of an element to Hex 10E8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10E8A7 }
```

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

```
.background{ background-color:#10E8A7 }
```

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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