

# Converting Colors

Hex(1ED0A8)

Have a look what the booklet for  
Hex(1ED0A8) contains.

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# **Color**

**Hex(1ED0A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ED0A8
RGB	30, 208, 168
RGB Percent	12%, 82%, 66%
CMY	0.8824, 0.1843, 0.3412
CMYK	0.86, 0.00, 0.19, 0.18
HSL	167°, 75%, 47%
HSV	167°, 86%, 82%
XYZ	30.1592, 48.2149, 44.7626
YIQ	150.2180, -93.2480, -50.1760

# Conversions

## Conversions Part 2

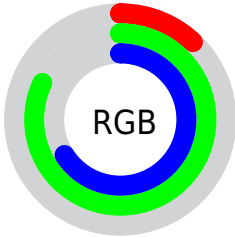
Format	Color
<b>RYB</b>	30, 130, 208
Decimal	2019496
CIELab	74.96, -51.04, 8.12
CIElCh	75, 51.678, 170.965
Yxy	48.2149, 0.2449, 0.3916
Android (android.graphics.Color)	4280209576 (0xFF1ED0A8)
YUV	150.2180, 8.7665, -105.4312
Hunter-Lab	69.4370, -43.9852, 10.3845

# Details

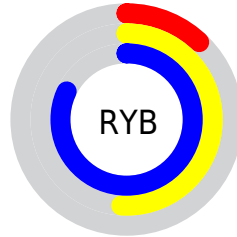
The Hex color **1ED0A8** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D01E46**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6FFFDF**, and **009874** is the 20% darker color. If you saturate the color by 10%, you get **09D0A3**, and if you desaturate by 10%, it is **33D0AD**.

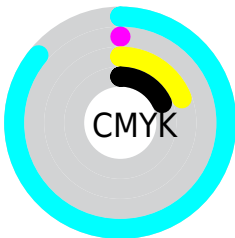
# Distribution



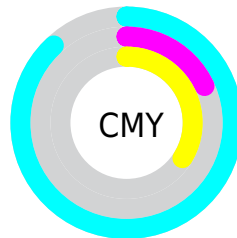
- Red (12%)
- Green (82%)
- Blue (66%)



- Red (12%)
- Yellow (51%)
- Blue (82%)



- Cyan (86%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (88%)
- Magenta (18%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1ED0A8 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 1ED0A8 by changing the saturation by 10% instead.



 1ED0A8

 1ED0A8

FFFFFF

 00B48E

 6FFFDf

 009874

 8FFFFC

 007E5B

 AEFFFF

 006444

 CDFFFF

 004A2E

 ECFFFF

 003319

 001A00

 000000

 1ED0A8

 1ED0A8

■ 09D0A3

■ 33D0AD

■ 00D0A1

■ 48D0B1

■ 5CD0B6

■ 71D0BB

■ 86D0BF

■ 9BD0C4

■ B0D0C9

■ C4D0CD

■ D9D0D2

# Harmonies

## Analogous

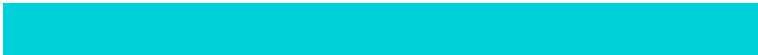
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7CCB7A



1ED0A8



00D1D9

# Triad

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



1ED0A8



A5B2FF



FFA070

# Complementary

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



1ED0A8



D01E46

# 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.



FF9399



1ED0A8



E69FF5

# Square

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



1ED0A8



3BC2FF



FF92C9



E2B159

# Rectangle

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



1ED0A8



00CEF6



FF92C9



FF9A7C

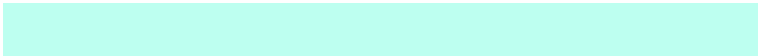


# Sweetspot

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



1ED0A8



BDFFF0



48D01E



588077



000000



808080



# Same Dimension

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



1ED0A8



00FFC6



1EA1D0



5E6966



00A882



002920



# Inverse Universe

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



D01E46



FF0039



D04D1E



695E60



A80026

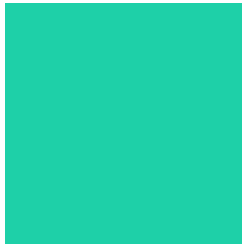


290009



# Previews

## White Background



This preview shows how the Hex color 1ED0A8 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 1ED0A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

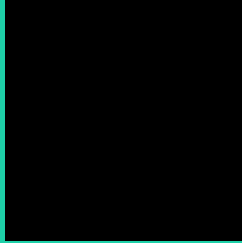
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

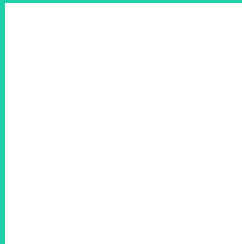
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1ED0A8 Background



This preview shows how black text looks on a background with the Hex color 1ED0A8.

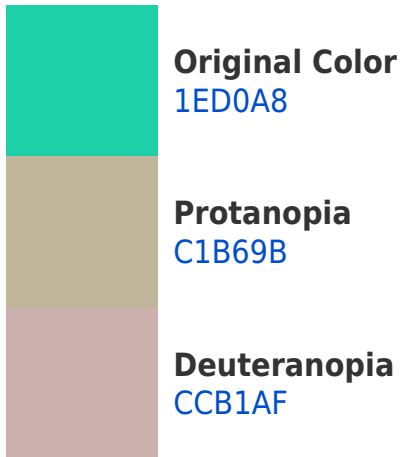


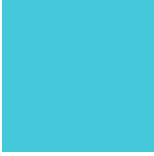
This preview shows how white text looks on a background with the Hex color 1ED0A8.

# 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](#).

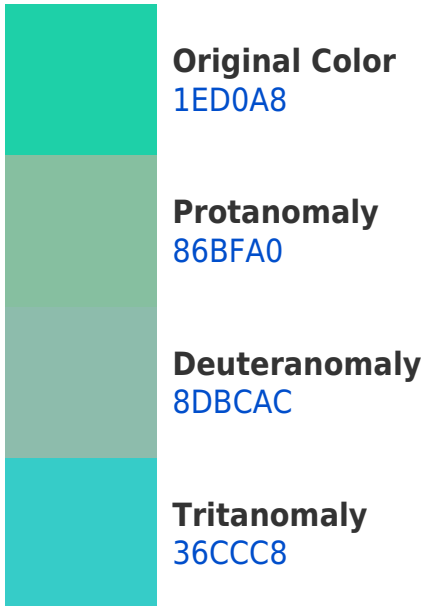
## Dichromacy





**Tritanopia**  
44C9DA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1ED0A8 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 #1ED0A8 looks like.

```
.text, #text, p{  
    color:#1ED0A8  
}
```

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 #1ED0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ED0A8
}
```

## Border

The CSS property to change the border of an element to Hex 1ED0A8 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
#1ED0A8 }
```

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

```
.border{ border-color:#1ED0A8 }
```

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

Here you see how a box with a 4 pixel #1ED0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ED0A8; -webkit-box-shadow:4px 4px  
4px 4px #1ED0A8; box-shadow:4px 4px 4px  
4px #1ED0A8 }
```

# Background

The CSS property to change the background color of an element to Hex 1ED0A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ED0A8 }
```

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

```
.background{ background-color:#1ED0A8 }
```

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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