

# Converting Colors

Hex(10EDD9)

Have a look what the booklet for  
Hex(10EDD9) contains.

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# Color

**Hex(10EDD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10EDD9
RGB	16, 237, 217
RGB Percent	6%, 93%, 85%
CMY	0.9373, 0.0706, 0.1490
CMYK	0.93, 0.00, 0.08, 0.07
HSL	175°, 87%, 50%
HSV	175°, 93%, 93%
XYZ	43.0223, 65.6883, 76.0572
YIQ	168.6410, -125.2960, -53.0720

# Conversions

## Conversions Part 2

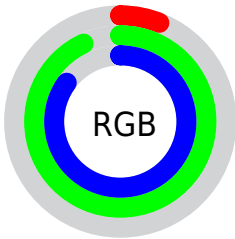
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 132, 237
Decimal	1109465
CIELab	84.84, -50.74, -3.60
CIELCh	85, 50.867, 184.057
Yxy	65.6883, 0.2328, 0.3555
Android (android.graphics.Color)	4279299545 (0xFF10EDD9)
YUV	168.6410, 23.8410, -133.8662
Hunter-Lab	81.0483, -47.0827, 1.0950

# Details

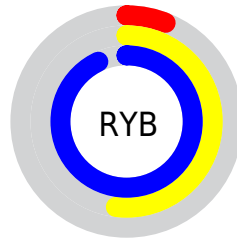
The Hex color **10EDD9** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **ED1024**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **75FFFF**, and **00B4A2** is the 20% darker color. If you saturate the color by 10%, you get **00EDD8**, and if you desaturate by 10%, it is **28EDDB**.

# Distribution



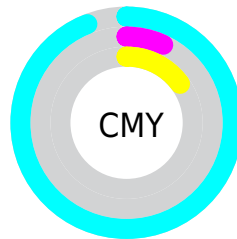
- Red (6%)
- Green (93%)
- Blue (85%)



- Red (6%)
- Yellow (52%)
- Blue (93%)



- Cyan (93%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (94%)
- Magenta (7%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10EDD9 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 10EDD9 by changing the saturation by 10% instead.



 10EDD9

FFFFFF

 75FFFF

 97FFFF

 B7FFFF

 D8FFFF

 F8FFFF

 10EDD9

 00D0BD

 00B4A2

 009988

 007E6F

 006456

 004B3F

 00332A

 001A15

 000000

■ 10EDD9

■ 10EDD9

■ 00EDD8

■ 28EDDB

■ 3FEDDD

■ 57EDDF

■ 6FEDE2

■ 86EDE4

■ 9EEDE6

■ B6EDE8

■ CEEDEA

■ E5EDEC

# Harmonies

## Analogous

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



7CE9A8



10EDD9



00EBFF

# Triad

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



10EDD9



E1C5FF



FFC27E

# Complementary

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



10EDD9



ED1024

# 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.



FFB3A0



10EED9



FFB4FF

# Square

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



10EDD9



94D7FF



FFADCF



ECD372

# Rectangle

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



10EDD9



00E7FF



FFADCF



FFBD88

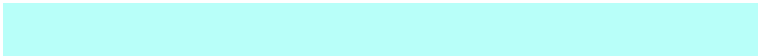


# Sweetspot

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



10EDD9



B8FFF9



26ED10



54807C



000000



808080



# Same Dimension

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



10EDD9



00FFE8



1095ED



6A7574



00B5A5



003631



# Inverse Universe

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



ED1024



FF0017



ED6810



756A6B



B50010

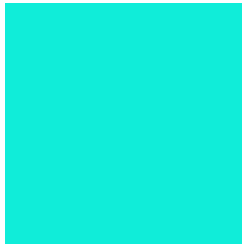


360005



# Previews

## White Background



This preview shows how the Hex color 10EDD9 looks on a white background.

## Color Contrast Check

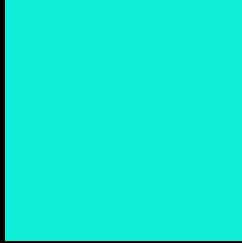
Large Text (above 18pt) WCAG AA × Fail

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 10EDD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

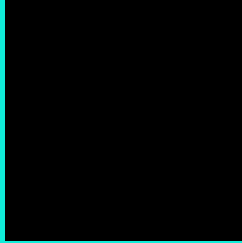
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 10EDD9 Background



This preview shows how black text looks on a background with the Hex color 10EDD9.

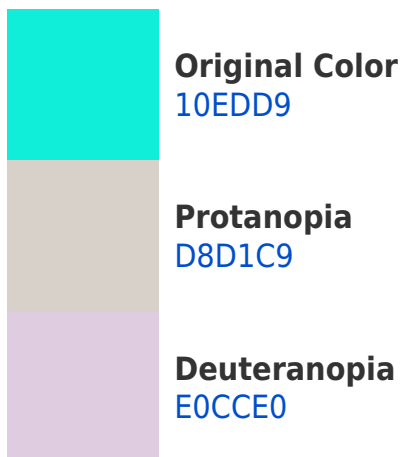


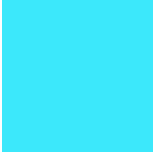
This preview shows how white text looks on a background with the Hex color 10EDD9.

# 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](#).

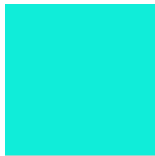
## Dichromacy





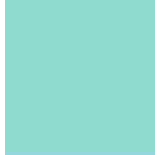
**Tritanopia**  
3CE8FB

# Trichromacy



**Original Color**

10EDD9



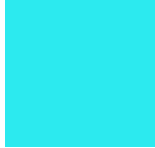
**Protanomaly**

8FDBCF



**Deuteranomaly**

94D8DD



**Tritanomaly**

2CEAEF

# Monochromacy



**Original Color**

10EDD9



**Achromatopsia**

A9A9A9



**Achromatomaly**

71C2BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10EDD9 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 #10EDD9 looks like.

```
.text, #text, p{  
    color:#10EDD9  
}
```

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 #10EDD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10EDD9
}
```

## Border

The CSS property to change the border of an element to Hex 10EDD9 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
#10EDD9 }
```

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

```
.border{ border-color:#10EDD9 }
```

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

Here you see how a box with a 4 pixel #10EDD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10EDD9; -webkit-box-shadow:4px 4px  
4px 4px #10EDD9; box-shadow:4px 4px 4px  
4px #10EDD9 }
```

# Background

The CSS property to change the background color of an element to Hex 10EDD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10EDD9 }
```

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

```
.background{ background-color:#10EDD9 }
```

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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