

# Converting Colors

Hex(10EFA0)

Have a look what the booklet for  
Hex(10EFA0) contains.

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# Color

Hex(10EFA0)

# Conversions

## Conversions Part 1

Format	Color
Hex	10EFA0
RGB	16, 239, 160
RGB Percent	6%, 94%, 63%
CMY	0.9373, 0.0627, 0.3725
CMYK	0.93, 0.00, 0.33, 0.06
HSL	159°, 87%, 50%
HSV	159°, 93%, 94%
XYZ	37.4254, 64.3812, 43.7120
YIQ	163.3170, -107.5490, -71.8450

# Conversions

## Conversions Part 2

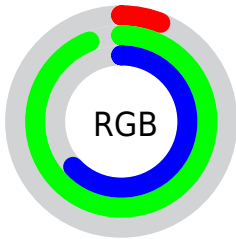
Format	Color
<a href="#">RYB</a>	<a href="#">16, 152, 239</a>
Decimal	<a href="#">1109920</a>
CIELab	<a href="#">84.16, -65.26, 25.16</a>
CIELCh	<a href="#">84, 69.945, 158.921</a>
Yxy	<a href="#">64.3812, 0.2572, 0.4424</a>
Android (android.graphics.Color)	<a href="#">4279300000 (0xFF10EFA0)</a>
YUV	<a href="#">163.3170, -1.6353, -129.1970</a>
Hunter-Lab	<a href="#">80.2379, -57.1586, 23.8665</a>

# Details

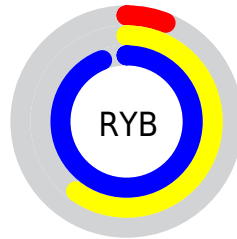
The Hex color **10EFA0** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EF105F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **72FFD7**, and **00B66C** is the 20% darker color. If you saturate the color by 10%, you get **00EF9A**, and if you desaturate by 10%, it is **28EFA8**.

# Distribution



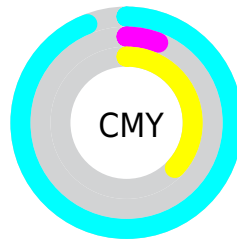
- Red (6%)
- Green (94%)
- Blue (63%)



- Red (6%)
- Yellow (60%)
- Blue (94%)



- Cyan (93%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10EFA0 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 10EFA0 by changing the saturation by 10% instead.



 10EFA0

 10EFA0

FFFFFF

 00D286

 72FFD7

 00B66C

 94FFF4

 009A53

 B4FFFF

 007F3B

 D4FFFF

 006425

 F3FFFF

 004A0E

 003300

 001700

 000000

 10EFA0

 10EFA0

 00EF9A

 28EFA8

 40EFB1

 58EFB9

 70EFC2

 87EFCA

 9FEFD3

 B7EFDB

 CFEFE4

 E7EFEC

# Harmonies

## Analogous

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



9DE565



10EFA0



00F2E4

# Triad

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



10EFA0



78D3FF



FFA482

# Complementary

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



10EFA0



EF105F

# 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.



FF96C1



10EFA0



F0B8FF

# Square

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



10EFA0



00E6FF



FF9FFF



FFBE53

# Rectangle

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



10EFA0



00F1FF



FF9FFF



FF9E96

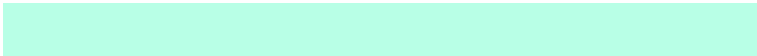


# Sweetspot

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



10EFA0



B8FFE6



62EF10



548070



000000



808080



# Same Dimension

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



10EFA0



00FFA5



10D1EF



6C7874



00B877



003824



# Inverse Universe

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



EF105F



FF005A



EF2E10



786C70



B80041

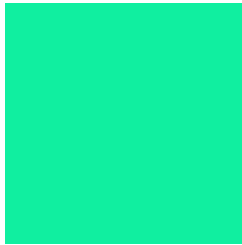


380014



# Previews

## White Background



This preview shows how the Hex color 10EFA0 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 10EFA0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

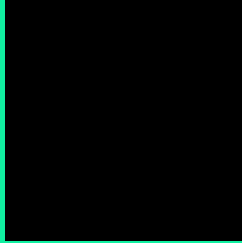
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 10EFA0 Background



This preview shows how black text looks on a background with the Hex color 10EFA0.

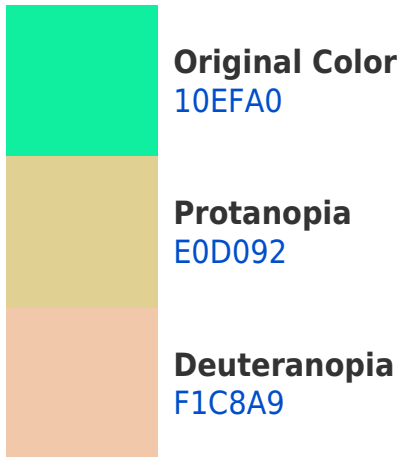


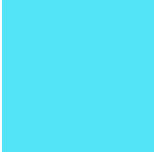
This preview shows how white text looks on a background with the Hex color 10EFA0.

# 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**  
54E4F7

# Trichromacy



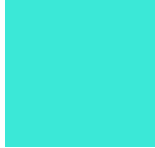
**Original Color**  
10EFA0



**Protanomaly**  
94DB97



**Deuteranomaly**  
9FD6A6

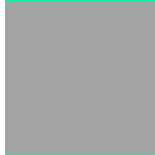


**Tritanomaly**  
3BE8D7

# Monochromacy



**Original Color**  
10EFA0



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
6EBFA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10EFA0 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 #10EFA0 looks like.

```
.text, #text, p{  
    color:#10EFA0  
}
```

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 #10EFA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10EFA0
}
```

## Border

The CSS property to change the border of an element to Hex 10EFA0 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
#10EFA0 }
```

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

```
.border{ border-color:#10EFA0 }
```

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

Here you see how a box with a 4 pixel #10EFA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10EFA0; -webkit-box-shadow:4px 4px  
4px 4px #10EFA0; box-shadow:4px 4px 4px  
4px #10EFA0 }
```

# Background

The CSS property to change the background color of an element to Hex 10EFA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10EFA0 }
```

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

```
.background{ background-color:#10EFA0 }
```

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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