

# Converting Colors

Hex(10EF9B)

Have a look what the booklet for  
Hex(10EF9B) contains.

<b>Hex(10EF9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(10EF9B)

# Conversions

## Conversions Part 1

Format	Color
Hex	10EF9B
RGB	16, 239, 155
RGB Percent	6%, 94%, 61%
CMY	0.9373, 0.0627, 0.3922
CMYK	0.93, 0.00, 0.35, 0.06
HSL	157°, 87%, 50%
HSV	157°, 93%, 94%
XYZ	36.9966, 64.2097, 41.4541
YIQ	162.7470, -105.9440, -73.4000

# Conversions

## Conversions Part 2

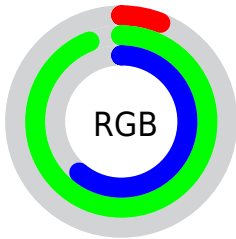
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 153, 239
Decimal	1109915
CIELab	84.07, -66.29, 27.59
CIELCh	84, 71.798, 157.403
Yxy	64.2097, 0.2593, 0.4501
Android (android.graphics.Color)	4279299995 (0xFF10EF9B)
YUV	162.7470, -3.8193, -128.6971
Hunter-Lab	80.1310, -57.8155, 25.4192

# Details

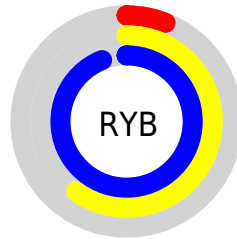
The Hex color **10EF9B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EF1064**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **72FFD2**, and **00B567** is the 20% darker color. If you saturate the color by 10%, you get **00EF95**, and if you desaturate by 10%, it is **28EFA4**.

# Distribution



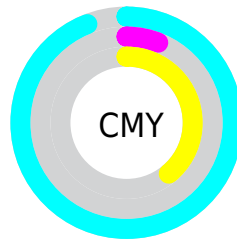
- Red (6%)
- Green (94%)
- Blue (61%)



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



- Cyan (93%)
- Magenta (0%)
- Yellow (35%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10EF9B 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 10EF9B by changing the saturation by 10% instead.



 10EF9B

FFFFFF

 72FFD2

 93FFEE

 B4FFFF

 D4FFFF

 F3FFFF

 10EF9B

 00D281

 00B567

 009A4E

 007E37

 006420

 004A08

 003300

 001700

 000000

 10EF9B

 10EF9B

 00EF95

 28EFA4

 40EFAD

 58EFB6

 70EFBF

 87EFC8

 9FEFD1

 B7EFDA

 CFEFE3

 E7EFEC

# Harmonies

## Analogous

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



9FE55F



10EF9B



00F3E1

# Triad

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



10EF9B



68D4FF



FFA183

# Complementary

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



10EF9B



EF1064

# 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.



FF93C4



10EF9B



EBB9FF

# Square

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



10EF9B



00E7FF



FF9EFF



FFB51

# Rectangle

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



10EF9B



00F2FF



FF9EFF



FF9B97

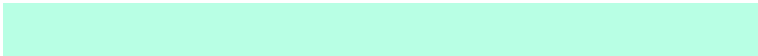


# Sweetspot

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



10EF9B



B8FFE4



65EF10



54806F



000000



808080



# Same Dimension

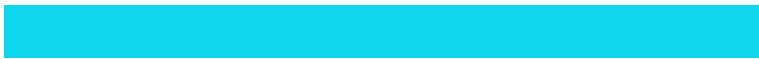
The Same Dimension uses a secret algorithm to generate beautiful new colors.



10EF9B



00FF9F



10D5EF



6C7873



00B872



003823



# Inverse Universe

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



EF1064



FF0060



EF2A10



786C70



B80045

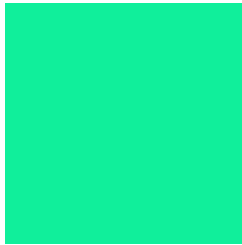


380015



# Previews

## White Background



This preview shows how the Hex color 10EF9B 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 10EF9B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

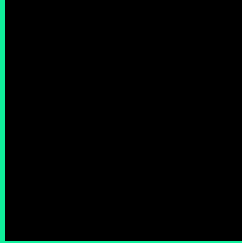
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 10EF9B Background



This preview shows how black text looks on a background with the Hex color 10EF9B.

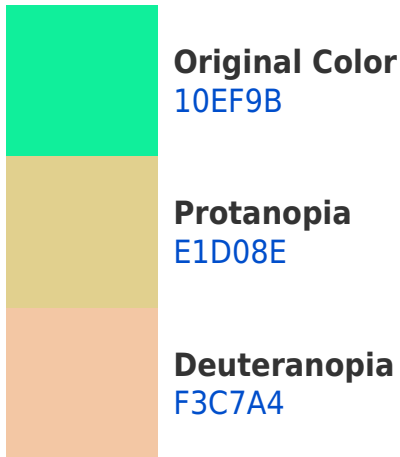


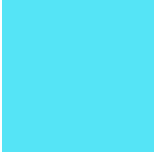
This preview shows how white text looks on a background with the Hex color 10EF9B.

# 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](#).

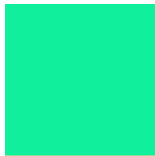
## Dichromacy





**Tritanopia**  
55E4F6

# Trichromacy



**Original Color**  
10EF9B



**Protanomaly**  
95DB93



**Deuteranomaly**  
A0D6A1

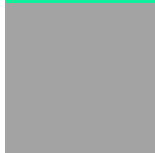


**Tritanomaly**  
3CE8D5

# Monochromacy



**Original Color**  
10EF9B



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
6EBFA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10EF9B 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 #10EF9B looks like.

```
.text, #text, p{  
    color:#10EF9B  
}
```

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 #10EF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10EF9B
}
```

## Border

The CSS property to change the border of an element to Hex 10EF9B 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
#10EF9B }
```

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

```
.border{ border-color:#10EF9B }
```

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

Here you see how a box with a 4 pixel #10EF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10EF9B; -webkit-box-shadow:4px 4px  
4px 4px #10EF9B; box-shadow:4px 4px 4px  
4px #10EF9B }
```

# Background

The CSS property to change the background color of an element to Hex 10EF9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10EF9B }
```

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

```
.background{ background-color:#10EF9B }
```

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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