

# Converting Colors

Hex(10EFC1)

Have a look what the booklet for  
Hex(10EFC1) contains.

<b>Hex(10EFC1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(10EFC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10EFC1
RGB	16, 239, 193
RGB Percent	6%, 94%, 76%
CMY	0.9373, 0.0627, 0.2431
CMYK	0.93, 0.00, 0.19, 0.06
HSL	168°, 87%, 50%
HSV	168°, 93%, 94%
XYZ	40.7058, 65.6934, 60.9868
YIQ	167.0790, -118.1420, -61.5820

# Conversions

## Conversions Part 2

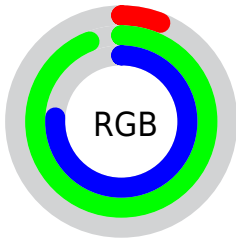
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 140, 239
Decimal	1109953
CIELab	84.84, -57.77, 9.00
CIELCh	85, 58.466, 171.146
Yxy	65.6934, 0.2432, 0.3925
Android (android.graphics.Color)	4279300033 (0xFF10EFC1)
YUV	167.0790, 12.7791, -132.4963
Hunter-Lab	81.0515, -52.1935, 12.1236

# Details

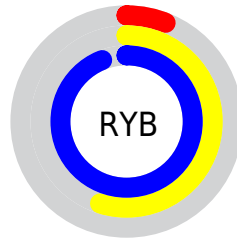
The Hex color **10EFC1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **EF103E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFF9**, and **00B68B** is the 20% darker color. If you saturate the color by 10%, you get **00EFBE**, and if you desaturate by 10%, it is **28EFC6**.

# Distribution



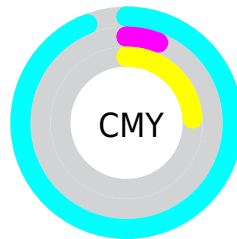
- Red (6%)
- Green (94%)
- Blue (76%)



- Red (6%)
- Yellow (55%)
- Blue (94%)



- Cyan (93%)
- Magenta (0%)
- Yellow (19%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10EFC1 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 10EFC1 by changing the saturation by 10% instead.



 10EFC1

FFFFFF

 73FFF9

 95FFFF

 B6FFFF

 D5FFFF

 F5FFFF

 10EFC1

 00D2A6

 00B68B

 009A72

 007F59

 006542

 004B2C

 003417

 001A00

 000000

■ 10EFC1

■ 10EFC1

■ 00EFBE

■ 28EFC6

■ 40EFCB

■ 58EFD0

■ 70EFD5

■ 87EFDA

■ 9FEFDF

■ B7EFE4

■ CFEFE8

■ E7EFED

# Harmonies

## Analogous

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



8DE98C



10EFC1



00F0FA

# Triad

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



10EFC1



BECCFF



FFB780

# Complementary

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



10EFC1



EF103E

# 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.



FFA8AF



10EFC1



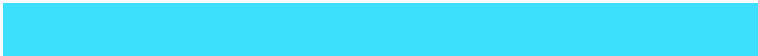
FFB6FF

# Square

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



10EFC1



3DDFFF



FFA7E7



FFCB64

# Rectangle

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



10EFC1



00EDFF



FFA7E7



FFB18E

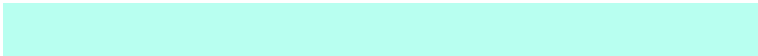


# Sweetspot

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



10EFC1



B8FFF0



40EF10



548077



000000



808080



# Same Dimension

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



10EFC1



00FFCA



10B0EF



6C7875



00B892



00382D



# Inverse Universe

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



EF103E



FF0035



EF4F10



786C6E



B80026

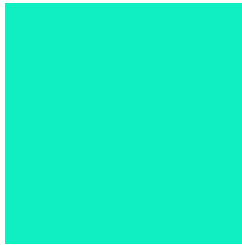


38000C



# Previews

## White Background



This preview shows how the Hex color 10EFC1 looks on a white background.

## Color Contrast Check

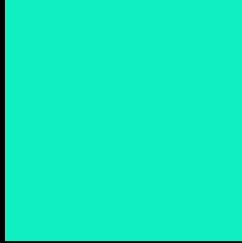
Large Text (above 18pt) WCAG AA × Fail

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 10EFC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

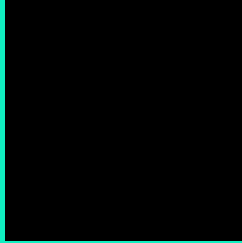
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 10EFC1 Background



This preview shows how black text looks on a background with the Hex color 10EFC1.

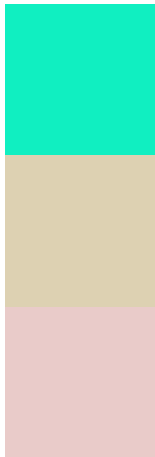


This preview shows how white text looks on a background with the Hex color 10EFC1.

# 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](#).

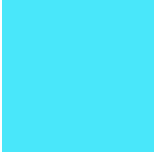
## Dichromacy



**Original Color**  
10EFC1

**Protanopia**  
DDD1B2

**Deuteranopia**  
E9CBC9

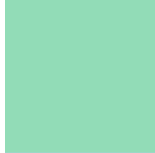


**Tritanopia**  
49E7FA

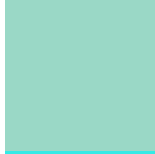
# Trichromacy



**Original Color**  
10EFC1



**Protanomaly**  
92DCB7



**Deuteranomaly**  
9AD8C6

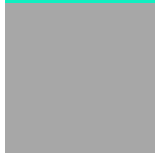


**Tritanomaly**  
34EAE5

# Monochromacy



**Original Color**  
10EFC1



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
70C1B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10EFC1 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 #10EFC1 looks like.

```
.text, #text, p{  
    color:#10EFC1  
}
```

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 #10EFC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10EFC1  
}
```

## Border

The CSS property to change the border of an element to Hex 10EFC1 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  
#10EFC1 }
```

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

```
.border{ border-color:#10EFC1 }
```

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

Here you see how a box with a 4 pixel #10EFC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10EFC1; -webkit-box-shadow:4px 4px  
4px 4px #10EFC1; box-shadow:4px 4px 4px  
4px #10EFC1 }
```

# Background

The CSS property to change the background color of an element to Hex 10EFC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10EFC1 }
```

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

```
.background{ background-color:#10EFC1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor