

# Converting Colors

Hex(11E892)

Have a look what the booklet for  
Hex(11E892) contains.

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# **Color**

**Hex(11E892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11E892
RGB	17, 232, 146
RGB Percent	7%, 91%, 57%
CMY	0.9333, 0.0902, 0.4275
CMYK	0.93, 0.00, 0.37, 0.09
HSL	156°, 86%, 49%
HSV	156°, 93%, 91%
XYZ	34.2761, 59.9077, 36.9509
YIQ	157.9110, -100.5340, -72.3260

# Conversions

## Conversions Part 2

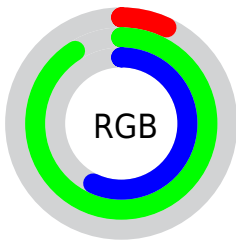
Format	Color
<a href="#">RYB</a>	<a href="#">17, 151, 232</a>
Decimal	<a href="#">1173650</a>
CIELab	<a href="#">81.79, -65.61, 29.10</a>
CIELCh	<a href="#">82, 71.769, 156.082</a>
Yxy	<a href="#">59.9077, 0.2614, 0.4568</a>
Android (android.graphics.Color)	<a href="#">4279363730 (0xFF11E892)</a>
YUV	<a href="#">157.9110, -5.8721, -123.5789</a>
Hunter-Lab	<a href="#">77.4001, -56.4026, 25.8749</a>

# Details

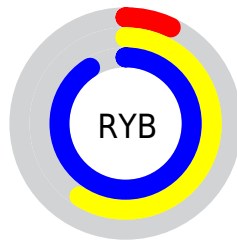
The Hex color **11E892** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **E81167**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **70FFC8**, and **00AF5F** is the 20% darker color. If you saturate the color by 10%, you get **00E88B**, and if you desaturate by 10%, it is **28E89B**.

# Distribution



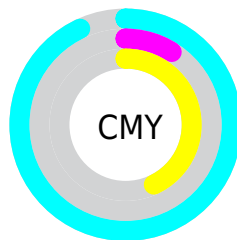
- Red (7%)
- Green (91%)
- Blue (57%)



- Red (7%)
- Yellow (59%)
- Blue (91%)



- Cyan (93%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)




- Cyan (93%)
- Magenta (9%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11E892 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 11E892 by changing the saturation by 10% instead.



 11E892

 11E892

FFFFFF

 00CB78

 70FFC8

 00AF5F

 91FFE5

 009346

 B1FFFF

 00782F

 D1FFFF

 005E17

 F1FFFF

 004400

 002D00

 000C00

 000000

■ 11E892

■ 11E892

■ 00E88B

■ 28E89B

■ 3FE8A5

■ 57E8AE

■ 6EE8B7

■ 85E8C0

■ 9CE8CA

■ B3E8D3

■ CBE8DC

■ E2E8E6

# Harmonies

## Analogous

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



9CDE57



11E892



00ECD7

# Triad

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



11E892



54CEFF



FF9A80

# Complementary

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



11E892



E81167

# 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.



FF8DC0



11E892



E0B4FF

# Square

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



11E892



00E1FF



FF98FF



FFB44D

# Rectangle

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



11E892



00EBFF



FF98FF



FF9394

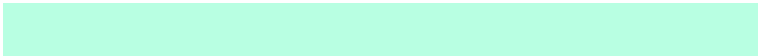


# Sweetspot

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



11E892



B8FFE2



67E811



54806E



000000



808080



# Same Dimension

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



11E892



00FF99



11D2E8



67736E



00B36B



00331F



# Inverse Universe

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



E81167



FF0066



E82711



73676C



B30047

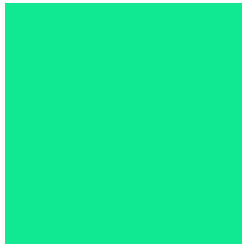


330014



# Previews

## White Background



This preview shows how the Hex color 11E892 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 11E892 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

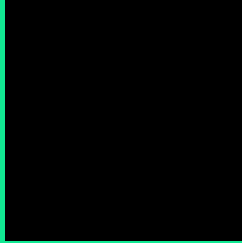
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 11E892 Background



This preview shows how black text looks on a background with the Hex color 11E892.

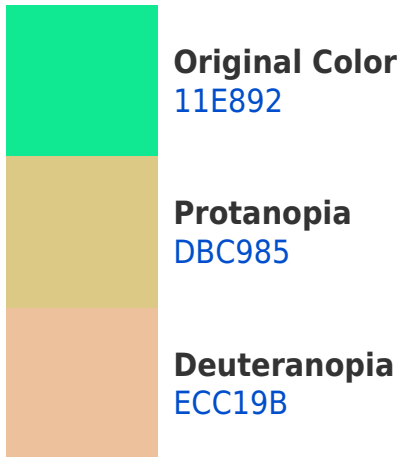


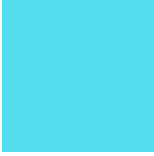
This preview shows how white text looks on a background with the Hex color 11E892.

# 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**  
54DDEF

# Trichromacy



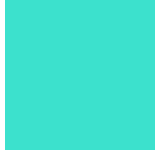
**Original Color**  
11E892



**Protanomaly**  
92D48A



**Deuteranomaly**  
9CCF98

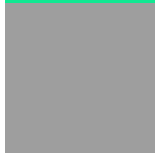


**Tritanomaly**  
3CE1CD

# Monochromacy



**Original Color**  
11E892



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
6BB99A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11E892 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 #11E892 looks like.

```
.text, #text, p{  
    color:#11E892  
}
```

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 #11E892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11E892
}
```

## Border

The CSS property to change the border of an element to Hex 11E892 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
#11E892 }
```

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

```
.border{ border-color:#11E892 }
```

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

Here you see how a box with a 4 pixel #11E892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11E892; -webkit-box-shadow:4px 4px  
4px 4px #11E892; box-shadow:4px 4px 4px  
4px #11E892 }
```

# Background

The CSS property to change the background color of an element to Hex 11E892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11E892 }
```

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

```
.background{ background-color:#11E892 }
```

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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