

# Converting Colors

Hex(1EE3B9)

Have a look what the booklet for  
Hex(1EE3B9) contains.

<b>Hex(1EE3B9)</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(1EE3B9)

# Conversions

## Conversions Part 1

Format	Color
Hex	1EE3B9
RGB	30, 227, 185
RGB Percent	12%, 89%, 73%
CMY	0.8824, 0.1098, 0.2745
CMYK	0.87, 0.00, 0.19, 0.11
HSL	167°, 78%, 50%
HSV	167°, 87%, 89%
XYZ	36.7615, 58.7170, 55.2949
YIQ	163.3090, -103.9300, -54.8260

# Conversions

## Conversions Part 2

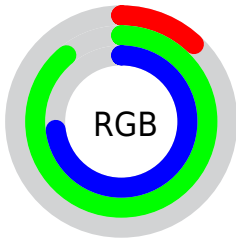
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 140, 227
Decimal	2024377
CIELab	81.14, -54.39, 7.91
CIELCh	81, 54.965, 171.726
Yxy	58.7170, 0.2438, 0.3894
Android (android.graphics.Color)	4280214457 (0xFF1EE3B9)
YUV	163.3090, 10.6937, -116.9120
Hunter-Lab	76.6270, -48.4627, 10.8546

# Details

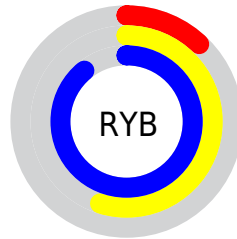
The Hex color **1EE3B9** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E31E48**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **74FFF1**, and **00AA84** is the 20% darker color. If you saturate the color by 10%, you get **07E3B4**, and if you desaturate by 10%, it is **35E3BE**.

# Distribution



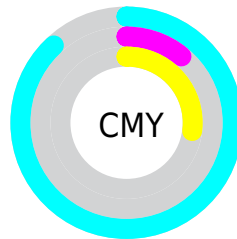
- Red (12%)
- Green (89%)
- Blue (73%)



- Red (12%)
- Yellow (55%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (88%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EE3B9 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 1EE3B9 by changing the saturation by 10% instead.



 1EE3B9

 1EE3B9

FFFFFF

 00C69E

 74FFF1

 00AA84

 95FFFF

 008F6B

 B5FFFF

 007553

 D4FFFF

 005B3C

 F3FFFF

 004226

 002B11

 000800

 000000

 1EE3B9

 1EE3B9

 07E3B4

 35E3BE

 00E3B3

 4BE3C3

 62E3C8

 79E3CC

 90E3D1

 A6E3D6

 BDE3DB

 D4E3E0

 EAE3E5

# Harmonies

## Analogous

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



87DD88



1EE3B9



00E4EE

# Triad

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



1EE3B9



B7C2FF



FFAF7A

# Complementary

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



1EE3B9



E31E48

# 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.



FFA1A6



1EE3B9



FCAEFF

# Square

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



1EE3B9



48D3FF



FFA0DA



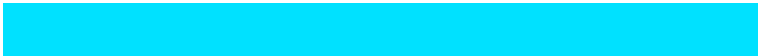
F5C262

# Rectangle

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



1EE3B9



00E1FF



FFA0DA



FFA987

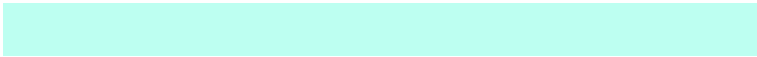


# Sweetspot

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



1EE3B9



BDFFF1



49E31E



588077



000000

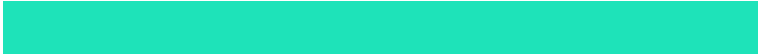


808080



# Same Dimension

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



1EE3B9



00FFC9



1EABE3



677370



00B38C



003328



# Inverse Universe

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



E31E48



FF0036



E3561E



73676A



B30026

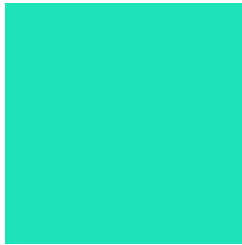


33000B



# Previews

## White Background



This preview shows how the Hex color 1EE3B9 looks on a white background.

## Color Contrast Check

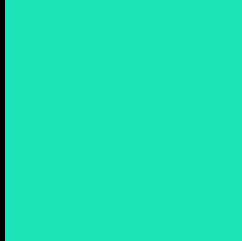
Large Text (above 18pt) WCAG AA × Fail

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 1EE3B9 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

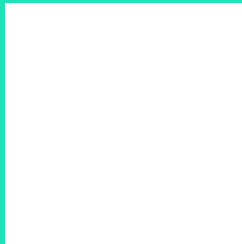
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1EE3B9 Background



This preview shows how black text looks on a background with the Hex color 1EE3B9.



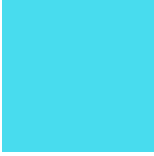
This preview shows how white text looks on a background with the Hex color 1EE3B9.

# 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



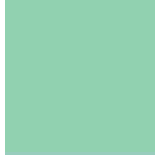


**Tritanopia**  
48DCEE

# Trichromacy



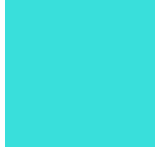
**Original Color**  
1EE3B9



**Protanomaly**  
91D1B0



**Deuteranomaly**  
98CDBD

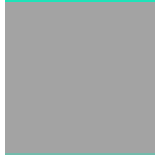


**Tritanomaly**  
39DFDB

# Monochromacy



**Original Color**  
1EE3B9



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
73BAAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EE3B9 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 #1EE3B9 looks like.

```
.text, #text, p{  
    color:#1EE3B9  
}
```

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 #1EE3B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EE3B9
}
```

## Border

The CSS property to change the border of an element to Hex 1EE3B9 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
#1EE3B9 }
```

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

```
.border{ border-color:#1EE3B9 }
```

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

Here you see how a box with a 4 pixel #1EE3B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EE3B9; -webkit-box-shadow:4px 4px  
4px 4px #1EE3B9; box-shadow:4px 4px 4px  
4px #1EE3B9 }
```

# Background

The CSS property to change the background color of an element to Hex 1EE3B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EE3B9 }
```

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

```
.background{ background-color:#1EE3B9 }
```

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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