

Converting Colors

Hex(00EB8E)

Have a look what the booklet for
Hex(00EB8E) contains.

Hex(00EB8E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00EB8E)

Conversions

Conversions Part 1

Format	Color
Hex	00EB8E
RGB	0, 235, 142
RGB Percent	0%, 92%, 56%
CMY	1.0000, 0.0784, 0.4431
CMYK	1.00, 0.00, 0.40, 0.08
HSL	156°, 100%, 46%
HSV	156°, 100%, 92%
XYZ	34.5908, 61.3697, 35.6136
YIQ	154.1330, -110.2070, -78.7430

Conversions

Conversions Part 2

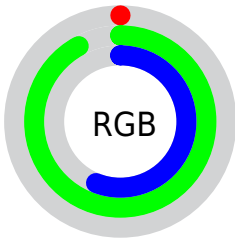
Format	Color
RYB	0, 146, 235
Decimal	60302
CIELab	82.58, -67.92, 32.16
CIELCh	83, 75.150, 154.662
Yxy	61.3697, 0.2629, 0.4664
Android (android.graphics.Color)	4278250382 (0xFF00EB8E)
YUV	154.1330, -5.9816, -135.1746
Hunter-Lab	78.3388, -58.2755, 27.8833

Details

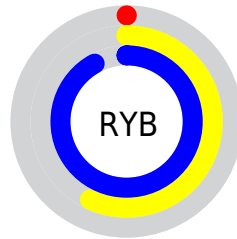
The Hex color **00EB8E** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EB005D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6EFFC4**, and **00B25B** is the 20% darker color. If you saturate the color by 10%, you get **00EB8E**, and if you desaturate by 10%, it is **17EB97**.

Distribution



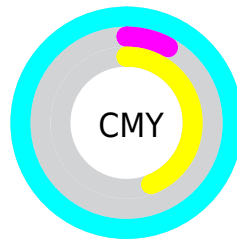
- Red (0%)
- Green (92%)
- Blue (56%)



- Red (0%)
- Yellow (57%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EB8E 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 00EB8E by changing the saturation by 10% instead.

 00EB8E

FFFFFF

 6EFFC4

 90FFE1

 B0FFFE

 D0FFFF

 F0FFFF

 00EB8E

 00CE74

 00B25B

 009642

 007B2A

 006012

 004700

 002F00

 001000

 000000

 00EB8E

 17EB97

 2FEBA1

 47EBAA

 5EEBB3

 76EBBD

 8DEBC6

 A4EBCF

 BCEBD8

 D3EBE2

Harmonies

Analogous

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



9FE050



00EB8E



00EFD7

Triad

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



00EB8E



33D2FF



FF9881

Complementary

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



00B8E



E05D00

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.



FF8BC5



00EB8E



DEB6FF

Square

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



00EB8E



00E5FF



FF98FF



FFB44A

Rectangle

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



00EB8E



00EFFF



FF98FF



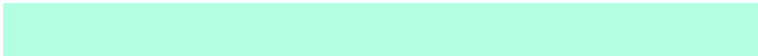
FF9197

Sweetspot

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



00EB8E



B3FFE1



5EEB00



52806D



000000



808080

Same Dimension

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



00EB8E



00FF9A



00D3EB



6A7571



00B56D



003620

Inverse Universe

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



EB005D



FF0065



EB1700



756A6E



B50048



360015

Previews

White Background



This preview shows how the Hex color 00EB8E 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 00EB8E 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

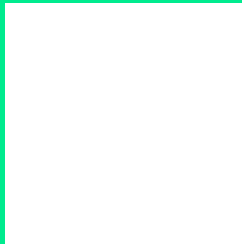
Any Text WCAG AAA ✓ Pass

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

Hex 00EB8E Background



This preview shows how black text looks on a background with the Hex color 00EB8E.

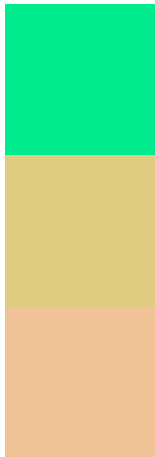


This preview shows how white text looks on a background with the Hex color 00EB8E.

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](#).

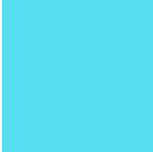
Dichromacy



Original Color
00EB8E

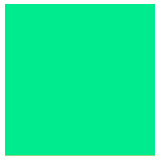
Protanopia
DECC81

Deuteranopia
F0C397



Tritanopia
55DFF1

Trichromacy



Original Color
00EB8E



Protanomaly
8DD786



Deuteranomaly
99D294



Tritanomaly
36E3CD

Monochromacy



Original Color
00EB8E



Achromatopsia
9A9A9A



Achromatomaly
62B796

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EB8E 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 #00EB8E looks like.

```
.text, #text, p{  
    color:#00EB8E  
}
```

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 #00EB8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB8E
}
```

Border

The CSS property to change the border of an element to Hex 00EB8E 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
#00EB8E }
```

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

```
.border{ border-color:#00EB8E }
```

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

Here you see how a box with a 4 pixel #00EB8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB8E; -webkit-box-shadow:4px 4px  
4px 4px #00EB8E; box-shadow:4px 4px 4px  
4px #00EB8E }
```

Background

The CSS property to change the background color of an element to Hex 00EB8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB8E }
```

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

```
.background{ background-color:#00EB8E }
```

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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