

Converting Colors

Hex(00EB91)

Have a look what the booklet for
Hex(00EB91) contains.

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Color

Hex(00EB91)

Conversions

Conversions Part 1

Format	Color
Hex	00EB91
RGB	0, 235, 145
RGB Percent	0%, 92%, 57%
CMY	1.0000, 0.0784, 0.4314
CMYK	1.00, 0.00, 0.38, 0.08
HSL	157°, 100%, 46%
HSV	157°, 100%, 92%
XYZ	34.8192, 61.4610, 36.8161
YIQ	154.4750, -111.1700, -77.8100

Conversions

Conversions Part 2

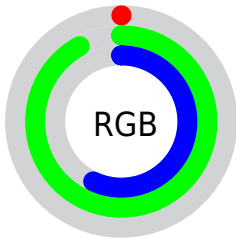
Format	Color
RYB	0, 145, 235
Decimal	60305
CIELab	82.63, -67.35, 30.71
CIELCh	83, 74.020, 155.487
Yxy	61.4610, 0.2616, 0.4618
Android (android.graphics.Color)	4278250385 (0xFF00EB91)
YUV	154.4750, -4.6712, -135.4746
Hunter-Lab	78.3971, -57.9161, 27.0348

Details

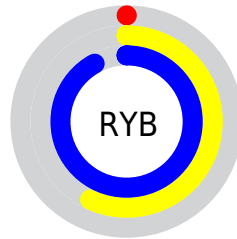
The Hex color **00EB91** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EB005A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6EFFC8**, and **00B25E** is the 20% darker color. If you saturate the color by 10%, you get **00EB91**, and if you desaturate by 10%, it is **17EB9A**.

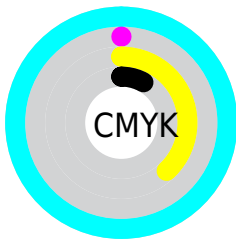
Distribution



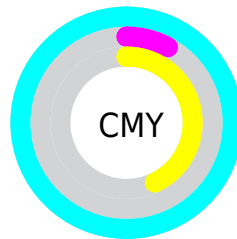
- Red (0%)
- Green (92%)
- Blue (57%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EB91 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 00EB91 by changing the saturation by 10% instead.

 00EB91

 00EB91

FFFFFF

 00CE77

 6EFFC8

 00B25E

 90FFE4

 009645

 B0FFFF

 007B2D

 D0FFFF

 006016

 F0FFFF

 004700

 002F00

 001100

 000000

 00EB91

 17EB9A

 2FEBA3

 47EBAC

 5EEBB5

 76EBBE

 8DEBC7

 A4EBD0

 BCEBD9

 D3EBE2

Harmonies

Analogous

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



9EE154



00EB91



00EFD9

Triad

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



00EB91



46D1FF



FF9A81

Complementary

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



00EB91



EB005A

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.



FF8CC4



00EB91



E1B6FF

Square

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



00EB91



00E4FF



FF99FF



FFB54B

Rectangle

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



00EB91



00EFFF



FF99FF



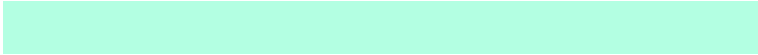
FF9396

Sweetspot

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



00EB91



B3FFE2



5AEB00



52806E



000000



808080

Same Dimension

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



00EB91



00FF9D



00D0EB



6A7571



00B570



003621

Inverse Universe

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



EB005A



FF0062



EB1B00



756A6E



B50045



360015

Previews

White Background



This preview shows how the Hex color 00EB91 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 00EB91 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 00EB91 Background



This preview shows how black text looks on a background with the Hex color 00EB91.

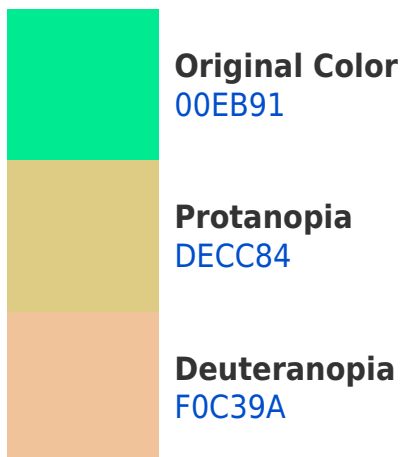


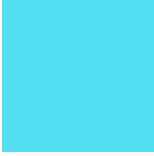
This preview shows how white text looks on a background with the Hex color 00EB91.

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
54DFF2

Trichromacy



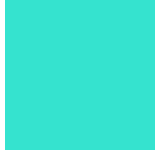
Original Color
00EB91



Protanomaly
8DD789



Deuteranomaly
99D297



Tritanomaly
35E3CF

Monochromacy



Original Color
00EB91



Achromatopsia
9A9A9A



Achromatomaly
62B797

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EB91 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 #00EB91 looks like.

```
.text, #text, p{  
    color:#00EB91  
}
```

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 #00EB91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB91
}
```

Border

The CSS property to change the border of an element to Hex 00EB91 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
#00EB91 }
```

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

```
.border{ border-color:#00EB91 }
```

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

Here you see how a box with a 4 pixel #00EB91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB91; -webkit-box-shadow:4px 4px  
4px 4px #00EB91; box-shadow:4px 4px 4px  
4px #00EB91 }
```

Background

The CSS property to change the background color of an element to Hex 00EB91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB91 }
```

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

```
.background{ background-color:#00EB91 }
```

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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