

Converting Colors

Hex(00EA90)

Have a look what the booklet for
Hex(00EA90) contains.

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Color

Hex(00EA90)

Conversions

Conversions Part 1

Format	Color
Hex	00EA90
RGB	0, 234, 144
RGB Percent	0%, 92%, 56%
CMY	1.0000, 0.0824, 0.4353
CMYK	1.00, 0.00, 0.38, 0.08
HSL	157°, 100%, 46%
HSV	157°, 100%, 92%
XYZ	34.4569, 60.8593, 36.3165
YIQ	153.7740, -110.5740, -77.5980

Conversions

Conversions Part 2

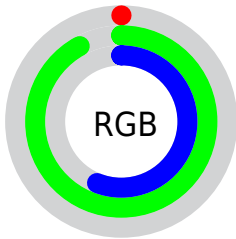
Format	Color
RYB	0, 145, 234
Decimal	60048
CIELab	82.30, -67.20, 30.79
CIELCh	82, 73.918, 155.386
Yxy	60.8593, 0.2618, 0.4623
Android (android.graphics.Color)	4278250128 (0xFF00EA90)
YUV	153.7740, -4.8186, -134.8598
Hunter-Lab	78.0123, -57.6809, 27.0078

Details

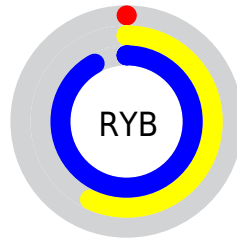
The Hex color **00EA90** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EA005A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6EFFC6**, and **00B15D** is the 20% darker color. If you saturate the color by 10%, you get **00EA90**, and if you desaturate by 10%, it is **17EA99**.

Distribution



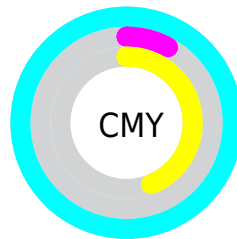
- Red (0%)
- Green (92%)
- Blue (56%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00EA90 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 00EA90 by changing the saturation by 10% instead.

 00EA90

 00EA90

FFFFFF

 00CD76

 6EFFC6

 00B15D

 90FFE3

 009544

 B0FFFF

 007A2C

 D0FFFF

 005F15

 EFFFFFF

 004600

 002E00

 000F00

 000000

 00EA90

 17EA99

 2FEAA2

 46EAAB

 5EEAB4

 75EABD

 8CEAC6

 A4EACF

 BBEAD8

 D3EAE1

Harmonies

Analogous

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



9DE053



00EA90



00EED8

Triad

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



00EA90



44D1FF



FF9980

Complementary

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



00EA90



EA005A

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.



FF8BC3



00EA90



E0B5FF

Square

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



00EA90



00E3FF



FF98FF



FFB44B

Rectangle

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



00EA90



00EEFF



FF98FF



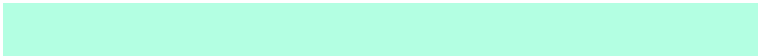
FF9295

Sweetspot

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



00EA90



B3FFE2



5EEA00



52806E



000000



808080

Same Dimension

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



00EA90



00FF9D



00D3EA



6A7571



00B56F



003621

Inverse Universe

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



EA005A



FF0062



EA1700



756A6E



B50046



360015

Previews

White Background



This preview shows how the Hex color 00EA90 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 00EA90 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 00EA90 Background



This preview shows how black text looks on a background with the Hex color 00EA90.

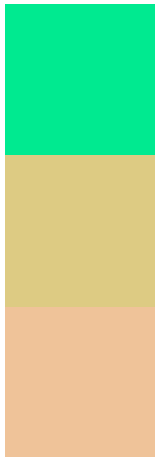


This preview shows how white text looks on a background with the Hex color 00EA90.

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](#).

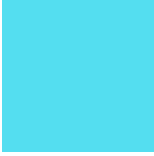
Dichromacy



Original Color
00EA90

Protanopia
DDCB83

Deuteranopia
EFC399



Tritanopia
54DEF0

Trichromacy



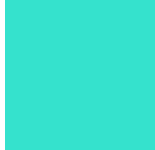
Original Color
00EA90



Protanomaly
8DD688



Deuteranomaly
98D196



Tritanomaly
35E2CD

Monochromacy



Original Color
00EA90



Achromatopsia
9A9A9A



Achromatomaly
62B796

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EA90 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 #00EA90 looks like.

```
.text, #text, p{  
    color:#00EA90  
}
```

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 #00EA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EA90
}
```

Border

The CSS property to change the border of an element to Hex 00EA90 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
#00EA90 }
```

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

```
.border{ border-color:#00EA90 }
```

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

Here you see how a box with a 4 pixel #00EA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EA90; -webkit-box-shadow:4px 4px  
4px 4px #00EA90; box-shadow:4px 4px 4px  
4px #00EA90 }
```

Background

The CSS property to change the background color of an element to Hex 00EA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EA90 }
```

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

```
.background{ background-color:#00EA90 }
```

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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