

Converting Colors

Hex(00EEBA)

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

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Color

Hex(00EEBA)

Conversions

Conversions Part 1

Format	Color
Hex	00EEBA
RGB	0, 238, 186
RGB Percent	0%, 93%, 73%
CMY	1.0000, 0.0667, 0.2706
CMYK	1.00, 0.00, 0.22, 0.07
HSL	167°, 100%, 47%
HSV	167°, 100%, 93%
XYZ	39.4375, 64.6942, 56.8630
YIQ	160.9100, -125.1560, -66.6280

Conversions

Conversions Part 2

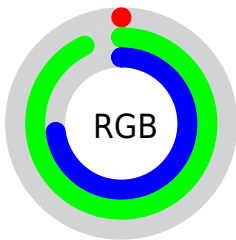
Format	Color
RYB	0, 134, 238
Decimal	61114
CIELab	84.33, -59.51, 11.92
CIELCh	84, 60.691, 168.677
Yxy	64.6942, 0.2450, 0.4018
Android (android.graphics.Color)	4278251194 (0xFF00EEBA)
YUV	160.9100, 12.3694, -141.1181
Hunter-Lab	80.4327, -53.2359, 14.3870

Details

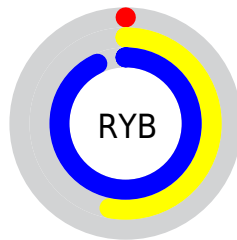
The Hex color **00EEBA** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EE0034**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **70FFF2**, and **00B585** is the 20% darker color. If you saturate the color by 10%, you get **00EEBA**, and if you desaturate by 10%, it is **18EEBF**.

Distribution



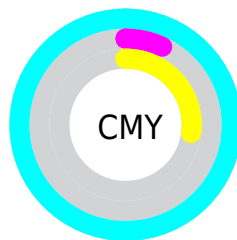
- Red (0%)
- Green (93%)
- Blue (73%)



- Red (0%)
- Yellow (53%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 00EEBA

 00EEBA

FFFFFF

 00D19F

 70FFF2

 00B585

 92FFFF

 00996C

 B3FFFF

 007E53

 D3FFFF

 00643C

 F3FFFF

 004A26

 003312

 001800

 000000

 00EEBA

 18EEBF

 30EEC4

 47EECA

 5FEECF

 77EED4

 8FEED9

 A7EEDE

 BEEEE4

 D6EEE9

Harmonies

Analogous

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



8FE784



00EEBA



00EFF5

Triad

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



00EEBA



B3CCFF



FFB27E

Complementary

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



00EEBA



EE0034

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.



FFA3B1



00EEBA



FFB5FF

Square

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



00EEBA



00DFFF



FFA4EB



FFC85F

Rectangle

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



00EEBA



00EDFF



FFA4EB



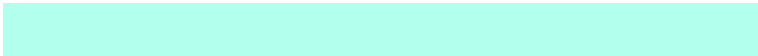
FFAC8E

Sweetspot

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



00EEBA



B3FFEE



38EE00



528075



000000



808080

Same Dimension

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



00EEBA



00FFC7



00AFEE



6C7875



00B88F



00382C

Inverse Universe

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



EE0034



FF0038



EE3F00



786C6E



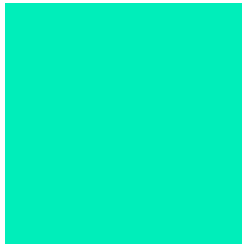
B80028



38000C

Previews

White Background



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



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

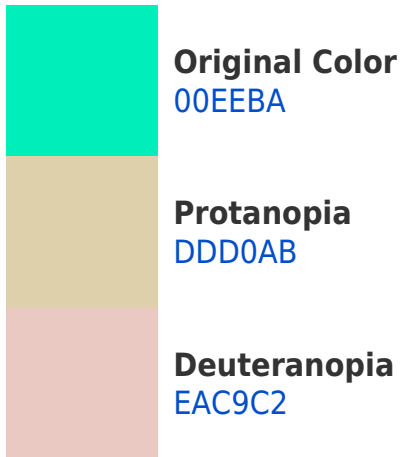


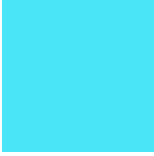
This preview shows how white text looks on a background with the Hex color 00EEBA.

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
4AE6F8

Trichromacy



Original Color

00EEBA



Protanomaly

8DDBB0



Deuteranomaly

95D6BF



Tritanomaly

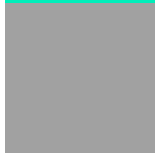
2FE9E1

Monochromacy



Original Color

00EEBA



Achromatopsia

A1A1A1



Achromatomaly

66BDAA

CSS Examples

Text

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

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

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 #00EEBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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