

Converting Colors

Hex(02EFB6)

Have a look what the booklet for
Hex(02EFB6) contains.

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Color

Hex(02EFB6)

Conversions

Conversions Part 1

Format	Color
Hex	02EFB6
RGB	2, 239, 182
RGB Percent	1%, 94%, 71%
CMY	0.9922, 0.0627, 0.2863
CMYK	0.99, 0.00, 0.24, 0.06
HSL	166°, 98%, 47%
HSV	166°, 99%, 94%
XYZ	39.3350, 65.1233, 54.7529
YIQ	161.6390, -122.9550, -67.9710

Conversions

Conversions Part 2

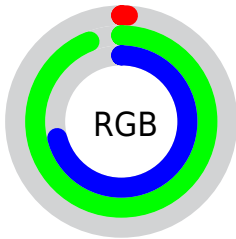
Format	Color
RYB	2, 137, 239
Decimal	192438
CIELab	84.55, -60.79, 14.32
CIELCh	85, 62.450, 166.748
Yxy	65.1233, 0.2471, 0.4090
Android (android.graphics.Color)	4278382518 (0xFF02EFB6)
YUV	161.6390, 10.0380, -140.0034
Hunter-Lab	80.6990, -54.2172, 16.2621

Details

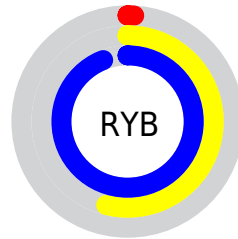
The Hex color **02EFB6** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EF023B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **70FFEE**, and **00B681** is the 20% darker color. If you saturate the color by 10%, you get **00EFB6**, and if you desaturate by 10%, it is **1AEFBC**.

Distribution



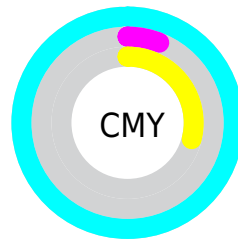
- Red (1%)
- Green (94%)
- Blue (71%)



- Red (1%)
- Yellow (54%)
- Blue (94%)



- Cyan (99%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (99%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02EFB6 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 02EFB6 by changing the saturation by 10% instead.

 02EFB6

 02EFB6


FFFFFF

 00D29B

 70FFEE

 00B681

 92FFFF

 009A68

 B3FFFF

 007F50

 D3FFFF

 006539

 F3FFFF

 004B23

 00340E

 001900

 000000

 02EFB6

 02EFB6

 00EFB6

 1AEFBC

 32EFC1

 4AEFC7

 62EFCD

 7AEFD3

 91EFD8

 A9EFDE

 C1EFE4

 D9EFEA

Harmonies

Analogous

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



92E87F



02EFB6



00F1F3

Triad

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



02EFB6



ABCEFF



FFB17F

Complementary

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



02EFB6



EF023B

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.



FFA2B4



02EFB6



FFB6FF

Square

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



02EFB6



00E1FF



FFA4F0



FFC75D

Rectangle

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



02EFB6



00EFFF



FFA4F0



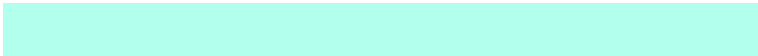
FFAA90

Sweetspot

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



02EFB6



B3FFED



3DEF02



528074



000000



808080

Same Dimension

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



02EFB6



00FFC2



02B4EF



6C7875



00B88B



00382B

Inverse Universe

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



EF023B



FF003D



EF3D02



786C6F



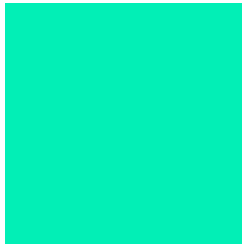
B8002C



38000D

Previews

White Background



This preview shows how the Hex color 02EFB6 looks on a white background.

Color Contrast Check

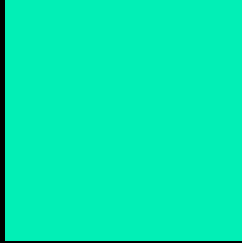
Large Text (above 18pt) WCAG AA × Fail

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 02EFB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

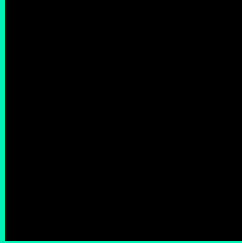
Any Text WCAG AA ✓ Pass

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 02EFB6 Background



This preview shows how black text looks on a background with the Hex color 02EFB6.

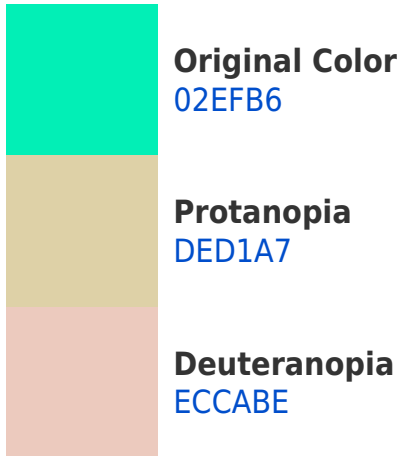


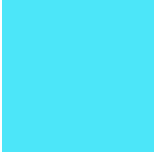
This preview shows how white text looks on a background with the Hex color 02EFB6.

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
4CE6F9

Trichromacy



Original Color
02EFB6



Protanomaly
8EDCAC



Deuteranomaly
97D7BB

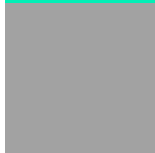


Tritanomaly
31E9E1

Monochromacy



Original Color
02EFB6



Achromatopsia
A2A2A2



Achromatomaly
68BEA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 02EFB6 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 #02EFB6 looks like.

```
.text, #text, p{  
    color:#02EFB6  
}
```

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 #02EFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02EFB6
}
```

Border

The CSS property to change the border of an element to Hex 02EFB6 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
#02EFB6 }
```

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

```
.border{ border-color:#02EFB6 }
```

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

Here you see how a box with a 4 pixel #02EFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02EFB6; -webkit-box-shadow:4px 4px  
4px 4px #02EFB6; box-shadow:4px 4px 4px  
4px #02EFB6 }
```

Background

The CSS property to change the background color of an element to Hex 02EFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02EFB6 }
```

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

```
.background{ background-color:#02EFB6 }
```

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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