

Converting Colors

Hex(00FEBE)

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

Hex(00FEBE)	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(00FEBE)

Conversions

Conversions Part 1

Format	Color
Hex	00FEBE
RGB	0, 254, 190
RGB Percent	0%, 100%, 75%
CMY	1.0000, 0.0039, 0.2549
CMYK	1.00, 0.00, 0.25, 0.00
HSL	165°, 100%, 50%
HSV	165°, 100%, 100%
XYZ	44.7361, 74.6013, 60.7569
YIQ	170.7580, -130.8400, -73.7520

Conversions

Conversions Part 2

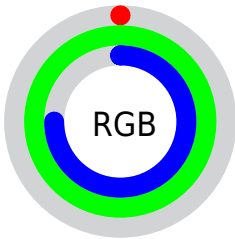
Format	Color
RYB	0, 145, 254
Decimal	65214
CIELab	89.21, -64.54, 16.73
CIELCh	89, 66.674, 165.464
Yxy	74.6013, 0.2484, 0.4142
Android (android.graphics.Color)	4278255294 (0xFF00FEBE)
YUV	170.7580, 9.4863, -149.7548
Hunter-Lab	86.3721, -58.6977, 18.7540

Details

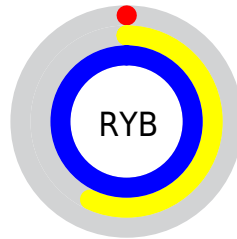
The Hex color **00FEBE** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FE0040**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **74FFF6**, and **00C489** is the 20% darker color. If you saturate the color by 10%, you get **00FEBE**, and if you desaturate by 10%, it is **19FEC4**.

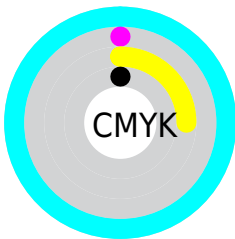
Distribution



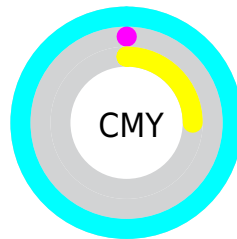
- Red (0%)
- Green (100%)
- Blue (75%)



- Red (0%)
- Yellow (57%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 00FEBE

 00FEBE

FFFFFF

 00E1A3

 74FFF6

 00C489

 97FFFF

 00A86F

 B8FFFF

 008C56

 D8FFFF

 00713F

 F8FFFF

 005729

 003E14

 002600

 000000

 00FEBE

 19FEC4

 33FECB

 4CFED1

 66FED8

 7FFEDE

 98FEE4

 B2FEEB

 CBFEF1

 E5FEF8

Harmonies

Analogous

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



9DF683



00FEBE



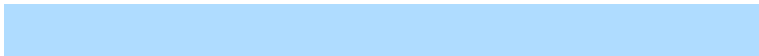
00FFFF

Triad

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



00FEBE



AFDCFF



FFBA88

Complementary

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



00FEBE



FE0040

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.



FFAAC2



00FEBE



FFC2FF

Square

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



00FEBE



00FOFF



FFADFF



FFD262

Rectangle

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



00FEBE



00FEFF



FFADFF



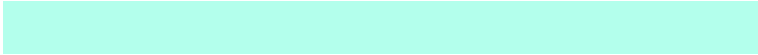
FFB39A

Sweetspot

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



00FEBE



B3FFEC



44FE00



528074



000000



808080

Same Dimension

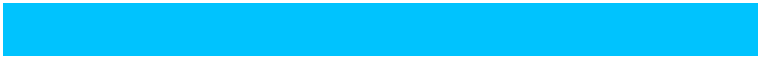
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FEBE



00FFBF



00C3FE



73807C



00BF8F



004030

Inverse Universe

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



FE0040



FF0040



FE3B00



807376



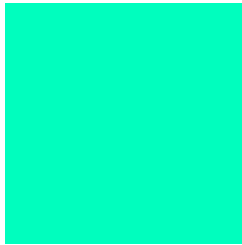
BF0030



400010

Previews

White Background



This preview shows how the Hex color 00FEBE looks on a white background.

Color Contrast Check

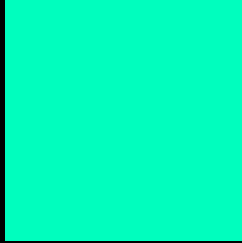
Large Text (above 18pt) WCAG AA × Fail

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 00FEBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

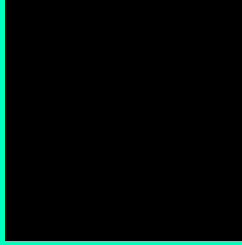
Any Text WCAG AA ✓ Pass

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 00FEBE Background



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

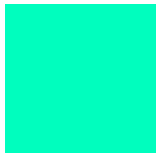


This preview shows how white text looks on a background with the Hex color 00FEBE.

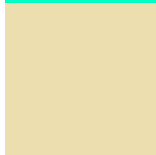
Color Blindness Simulation

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](#).

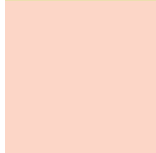
Dichromacy



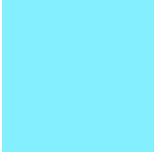
Original Color
00FEBE



Protanopia
ECDEAF

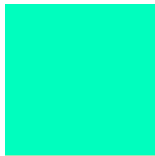


Deuteranopia
FCD6C7

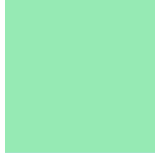


Tritanopia
84EFFF

Trichromacy



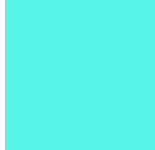
Original Color
00FEBE



Protanomaly
96EAB4



Deuteranomaly
A0E5C4



Tritanomaly
54F4E7

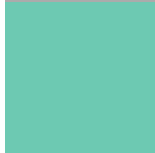
Monochromacy



Original Color
00FEBE



Achromatopsia
ABABAB



Achromatomaly
6DC9B2

CSS Examples

Text

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

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

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 #00FEBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor