

Converting Colors

Hex(00BE92)

Have a look what the booklet for
Hex(00BE92) contains.

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Color

Hex(00BE92)

Conversions

Conversions Part 1

Format	Color
Hex	00BE92
RGB	0, 190, 146
RGB Percent	0%, 75%, 57%
CMY	1.0000, 0.2549, 0.4275
CMYK	1.00, 0.00, 0.23, 0.25
HSL	166°, 100%, 37%
HSV	166°, 100%, 75%
XYZ	23.6018, 38.9022, 33.4591
YIQ	128.1740, -99.1160, -53.9640

Conversions

Conversions Part 2

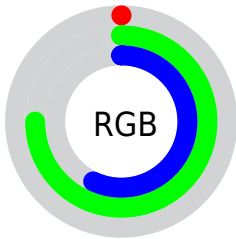
Format	Color
RYB	0, 107, 190
Decimal	48786
CIELab	68.68, -50.73, 11.04
CIELCh	69, 51.917, 167.725
Yxy	38.9022, 0.2459, 0.4054
Android (android.graphics.Color)	4278238866 (0xFF00BE92)
YUV	128.1740, 8.7882, -112.4086
Hunter-Lab	62.3717, -41.6051, 11.8542

Details

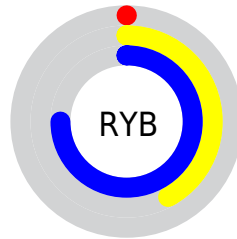
The Hex color **00BE92** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BE002C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **62F7C8**, and **00875F** is the 20% darker color. If you saturate the color by 10%, you get **00BE92**, and if you desaturate by 10%, it is **13BE96**.

Distribution



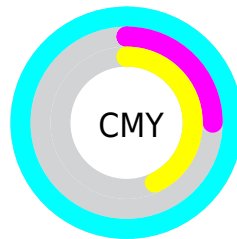
- Red (0%)
- Green (75%)
- Blue (57%)



- Red (0%)
- Yellow (42%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BE92 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 00BE92 by changing the saturation by 10% instead.

 00BE92

 00BE92

FFFFFF

 00A278

 62F7C8

 00875F

 82FFE4

 006D48

 A1FFFF

 005431

 BFFFFFF

 003B1C

 DEFFF

 002503

FDFFF

 000000

 00BE92

 13BE96

 26BE9B

 39BE9F

 4CBEA4

 5FBEA8

 72BEAC

 85BEB1

 98BEB5

 ABBEBA

Harmonies

Analogous

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



72B866



00BE92



00BFC3

Triad

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



00BE92



8AA3FF



F38D64

Complementary

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



00BE92



BE002C

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.



FF818D



00BE92



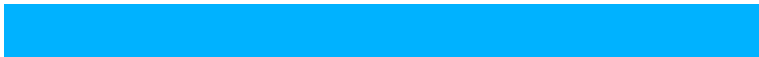
CE90E7

Square

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



00BE92



00B2FF



F582BD



D39E4A

Rectangle

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



00BE92



00BDE0



F582BD



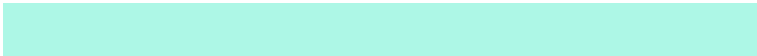
F98870

Sweetspot

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



00BE92



ADF7E6



2CBE00



507D73



FCFCFC



7D7D7D

Same Dimension

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



00BE92



00F7BE



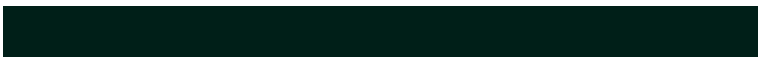
008BBE



555E5C



009E79



001F18

Inverse Universe

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



BE002C



F70039



BE3300



5E5557



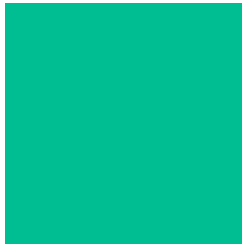
9E0025



1F0007

Previews

White Background



This preview shows how the Hex color 00BE92 looks on a white background.

Color Contrast Check

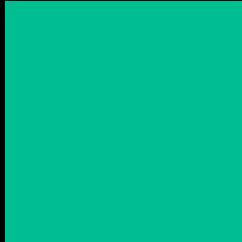
Large Text (above 18pt) WCAG AA × Fail

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 00BE92 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 00BE92 Background



This preview shows how black text looks on a background with the Hex color 00BE92.

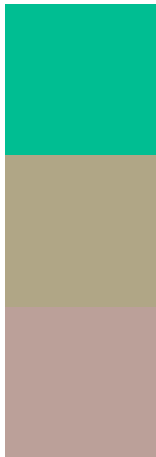


This preview shows how white text looks on a background with the Hex color 00BE92.

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](#).

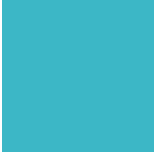
Dichromacy



Original Color
00BE92

Protanopia
B0A686

Deuteranopia
BBA099



Tritanopia
3CB7C6

Trichromacy



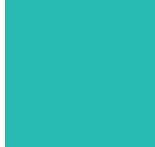
Original Color
00BE92



Protanomaly
70AF8A



Deuteranomaly
77AB96



Tritanomaly
26BAB3

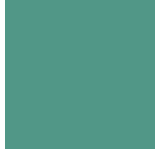
Monochromacy



Original Color
00BE92



Achromatopsia
808080



Achromatomaly
519787

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BE92 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 #00BE92 looks like.

```
.text, #text, p{  
    color:#00BE92  
}
```

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 #00BE92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BE92
}
```

Border

The CSS property to change the border of an element to Hex 00BE92 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
#00BE92 }
```

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

```
.border{ border-color:#00BE92 }
```

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

Here you see how a box with a 4 pixel #00BE92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BE92; -webkit-box-shadow:4px 4px  
4px 4px #00BE92; box-shadow:4px 4px 4px  
4px #00BE92 }
```

Background

The CSS property to change the background color of an element to Hex 00BE92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BE92 }
```

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

```
.background{ background-color:#00BE92 }
```

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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