

Converting Colors

Hex(00BF94)

Have a look what the booklet for
Hex(00BF94) contains.

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Color

Hex(00BF94)

Conversions

Conversions Part 1

Format	Color
Hex	00BF94
RGB	0, 191, 148
RGB Percent	0%, 75%, 58%
CMY	1.0000, 0.2510, 0.4196
CMYK	1.00, 0.00, 0.23, 0.25
HSL	166°, 100%, 37%
HSV	166°, 100%, 75%
XYZ	23.9761, 39.3997, 34.3582
YIQ	128.9890, -100.0330, -53.8650

Conversions

Conversions Part 2

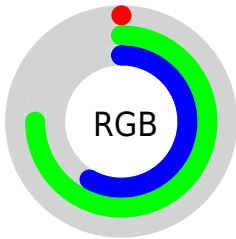
Format	Color
RYB	0, 108, 191
Decimal	49044
CIELab	69.04, -50.63, 10.46
CIELCh	69, 51.696, 168.327
Yxy	39.3997, 0.2453, 0.4031
Android (android.graphics.Color)	4278239124 (0xFF00BF94)
YUV	128.9890, 9.3724, -113.1234
Hunter-Lab	62.7692, -41.6640, 11.4846

Details

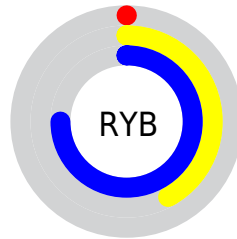
The Hex color **00BF94** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF002B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **63F8CA**, and **008861** is the 20% darker color. If you saturate the color by 10%, you get **00BF94**, and if you desaturate by 10%, it is **13BF98**.

Distribution



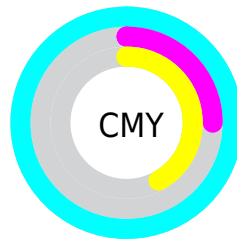
- Red (0%)
- Green (75%)
- Blue (58%)



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



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



- Cyan (100%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BF94 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 00BF94 by changing the saturation by 10% instead.

 00BF94

 00BF94

FFFFFF

 00A37A

 63F8CA

 008861

 83FFE6

 006E4A

 A1FFFF

 005433

 C0FFFF

 003C1E

 DFFFFFF

 002606

FDFFFF

 000000

 00BF94

 13BF98

 26BF9D

 39BFA1

 4CBFA5

 60BFAA

 73BFAE

 86BFB2

 99BFB6

 ACBFBB

Harmonies

Analogous

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



72B968



00BF94



00C0C4

Triad

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



00BF94



8DA3FF



F38E64

Complementary

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



00BF94



BF002B

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.



FF828E



00BF94



D091E7

Square

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



00BF94



00B3FF



F683BD



D3A04B

Rectangle

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



00BF94



00BEE1



F683BD



FA8971

Sweetspot

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



00BF94



ADF7E7



2DBF00



507D73



FCFCFC



7D7D7D

Same Dimension

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



00BF94



00F7C0



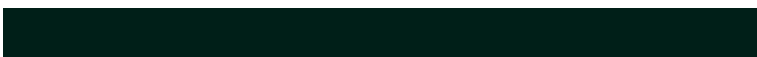
008CBF



555E5C



009E7B



001F18

Inverse Universe

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



BF002B



F70038



BF3300



5E5557



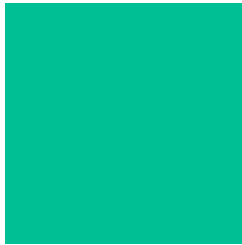
9E0024



1F0007

Previews

White Background



This preview shows how the Hex color 00BF94 looks on a white background.

Color Contrast Check

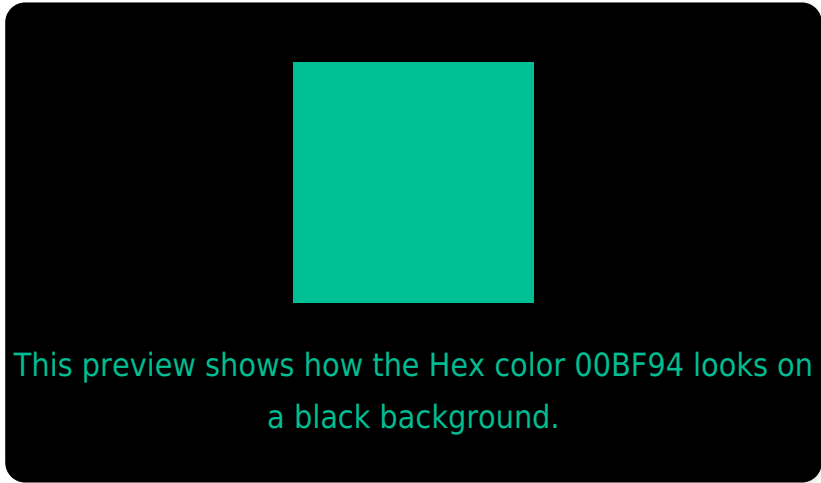
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 00BF94 Background



This preview shows how black text looks on a background with the Hex color 00BF94.

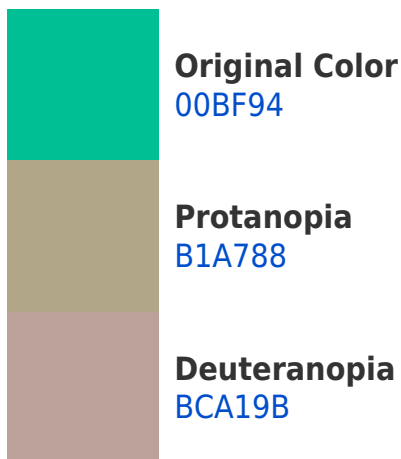


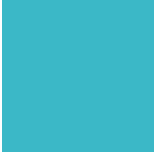
This preview shows how white text looks on a background with the Hex color 00BF94.

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
3BB8C7

Trichromacy



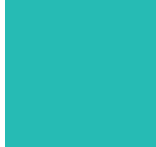
Original Color
00BF94



Protanomaly
71B08C



Deuteranomaly
78AC98



Tritanomaly
26BBB4

Monochromacy



Original Color
00BF94



Achromatopsia
818181



Achromatomaly
529888

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BF94 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 #00BF94 looks like.

```
.text, #text, p{  
    color:#00BF94  
}
```

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 #00BF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF94
}
```

Border

The CSS property to change the border of an element to Hex 00BF94 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
#00BF94 }
```

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

```
.border{ border-color:#00BF94 }
```

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

Here you see how a box with a 4 pixel #00BF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF94; -webkit-box-shadow:4px 4px  
4px 4px #00BF94; box-shadow:4px 4px 4px  
4px #00BF94 }
```

Background

The CSS property to change the background color of an element to Hex 00BF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF94 }
```

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

```
.background{ background-color:#00BF94 }
```

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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