

Converting Colors

Hex(04CF94)

Have a look what the booklet for
Hex(04CF94) contains.

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Color

Hex(04CF94)

Conversions

Conversions Part 1

Format	Color
Hex	04CF94
RGB	4, 207, 148
RGB Percent	2%, 81%, 58%
CMY	0.9843, 0.1882, 0.4196
CMYK	0.98, 0.00, 0.29, 0.19
HSL	163°, 96%, 41%
HSV	163°, 98%, 81%
XYZ	27.7082, 46.7896, 35.5879
YIQ	139.5770, -102.0490, -61.3850

Conversions

Conversions Part 2

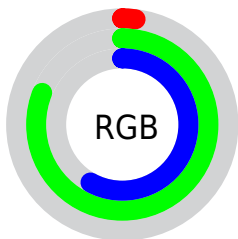
Format	Color
RYB	4, 123, 207
Decimal	315284
CIELab	74.05, -56.64, 17.50
CIELCh	74, 59.277, 162.829
Yxy	46.7896, 0.2517, 0.4250
Android (android.graphics.Color)	4278505364 (0xFF04CF94)
YUV	139.5770, 4.1525, -118.9010
Hunter-Lab	68.4029, -47.3995, 17.0353

Details

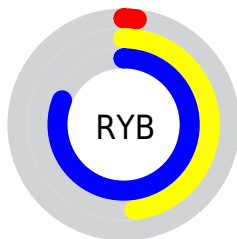
The Hex color **04CF94** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CF043F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **67FFCA**, and **009761** is the 20% darker color. If you saturate the color by 10%, you get **00CF93**, and if you desaturate by 10%, it is **19CF9A**.

Distribution



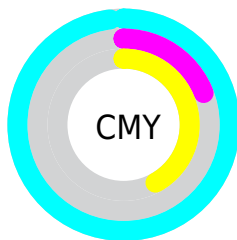
- Red (2%)
- Green (81%)
- Blue (58%)



- Red (2%)
- Yellow (48%)
- Blue (81%)



- Cyan (98%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (98%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04CF94 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 04CF94 by changing the saturation by 10% instead.

 04CF94

 04CF94

FFFFFF

 00B37A

 67FFCA

 009761

 88FFE6

 007C49

 A7FFFF

 006232

 C6FFFF

 00491D

 E5FFFF

 003205

 001700

 000000

 04CF94

 04CF94

■ 00CF93

■ 19CF9A

■ 2DCFA0

■ 42CFA6

■ 57CFAC

■ 6BCFB2

■ 80CFB8

■ 95CFBE

■ AACFC4

■ BECFCA

Harmonies

Analogous

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



82C862



04CF94



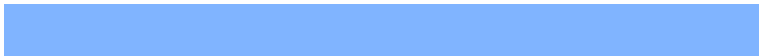
00D1CD

Triad

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



04CF94



80B4FF



FF936E

Complementary

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



04CF94



CF043F

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.



FF87A1



04CF94



D89EFF

Square

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



04CF94



00C5FF



FF8BD8



EFA84B

Rectangle

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



04CF94



00D0F0



FF8BD8



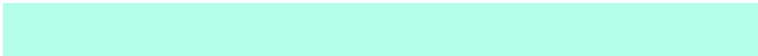
FF8E7E

Sweetspot

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



04CF94



B5FFEA



41CF04



538073



000000



808080

Same Dimension

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



04CF94



00FFB5



04A6CF



5E6966



00A877



00291D

Inverse Universe

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



CF043F



FF004A



CF2D04



695E61



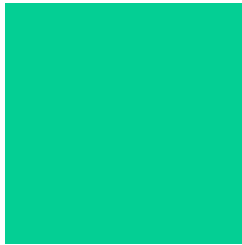
A80031



29000C

Previews

White Background



This preview shows how the Hex color 04CF94 looks on a white background.

Color Contrast Check

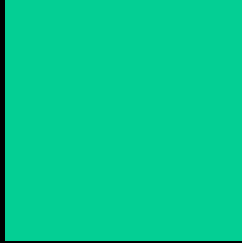
Large Text (above 18pt) WCAG AA × Fail

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 04CF94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

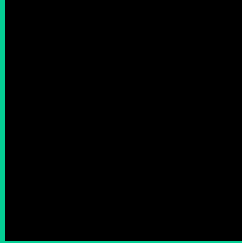
Any Text WCAG AA ✓ Pass

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 04CF94 Background



This preview shows how black text looks on a background with the Hex color 04CF94.



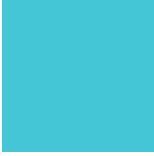
This preview shows how white text looks on a background with the Hex color 04CF94.

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
45C6D7

Trichromacy



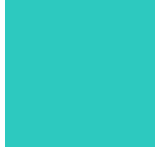
Original Color
04CF94



Protanomaly
7CBE8C



Deuteranomaly
85BA98



Tritanomaly
2DC9BF

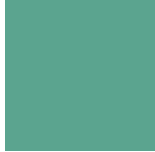
Monochromacy



Original Color
04CF94



Achromatopsia
8C8C8C



Achromatomaly
5BA48F

CSS Examples

Text

The CSS property to change the color of the text to Hex 04CF94 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 #04CF94 looks like.

```
.text, #text, p{  
    color:#04CF94  
}
```

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 #04CF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04CF94
}
```

Border

The CSS property to change the border of an element to Hex 04CF94 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
#04CF94 }
```

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

```
.border{ border-color:#04CF94 }
```

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

Here you see how a box with a 4 pixel #04CF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04CF94; -webkit-box-shadow:4px 4px  
4px 4px #04CF94; box-shadow:4px 4px 4px  
4px #04CF94 }
```

Background

The CSS property to change the background color of an element to Hex 04CF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04CF94 }
```

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

```
.background{ background-color:#04CF94 }
```

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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