

Converting Colors

Hex(00CE95)

Have a look what the booklet for
Hex(00CE95) contains.

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Color

Hex(00CE95)

Conversions

Conversions Part 1

Format	Color
Hex	00CE95
RGB	0, 206, 149
RGB Percent	0%, 81%, 58%
CMY	1.0000, 0.1922, 0.4157
CMYK	1.00, 0.00, 0.28, 0.19
HSL	163°, 100%, 40%
HSV	163°, 100%, 81%
XYZ	27.4961, 46.3125, 35.9238
YIQ	137.9080, -104.4790, -61.3990

Conversions

Conversions Part 2

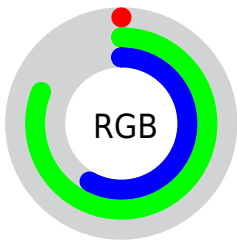
Format	Color
RYB	0, 120, 206
Decimal	52885
CIELab	73.75, -56.16, 16.54
CIELCh	74, 58.544, 163.590
Yxy	46.3125, 0.2506, 0.4220
Android (android.graphics.Color)	4278242965 (0xFF00CE95)
YUV	137.9080, 5.4684, -120.9453
Hunter-Lab	68.0533, -46.9725, 16.3395

Details

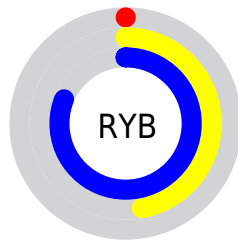
The Hex color **00CE95** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CE0039**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **66FFCB**, and **009662** is the 20% darker color. If you saturate the color by 10%, you get **00CE95**, and if you desaturate by 10%, it is **15CE9B**.

Distribution



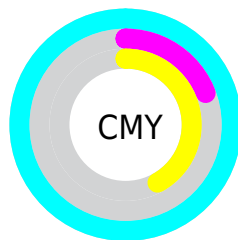
- Red (0%)
- Green (81%)
- Blue (58%)



- Red (0%)
- Yellow (47%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CE95 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 00CE95 by changing the saturation by 10% instead.

 00CE95

 00CE95

FFFFFF

 00B27B

 66FFCB

 009662

 87FFE7

 007C4A

 A6FFFF

 006133

 C5FFFF

 00481E

 E4FFFF

 003106

 001600

 000000

 00CE95

 15CE9B

 29CEA0

 3ECEA6

 52CEAC

 67CEB2

 7CCEB7

 90CEBD

 A5CEC3

 B9CEC8

Harmonies

Analogous

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



80C764



00CE95



00D0CD

Triad

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



00CE95



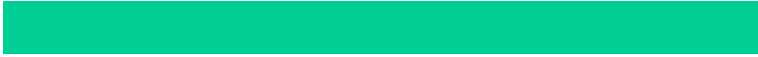
84B3FF



FF946D

Complementary

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



00CE95



CE0039

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.



FF879F



00CE95



D89DFF

Square

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



00CE95



00C3FF



FF8BD5



ECA84B

Rectangle

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



00CE95



00CFEF



FF8BD5



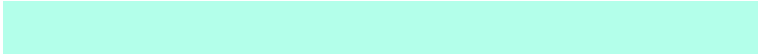
FF8E7D

Sweetspot

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



00CE95



B3FFEA



3ACE00



528073



000000



808080

Same Dimension

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



00CE95



00FFB8



00A1CE



5C6663



00A678



00261C

Inverse Universe

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



CE0039



FF0047



CE2D00



665C5F



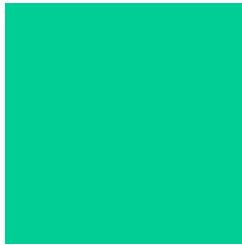
A6002E



26000B

Previews

White Background



This preview shows how the Hex color 00CE95 looks on a white background.

Color Contrast Check

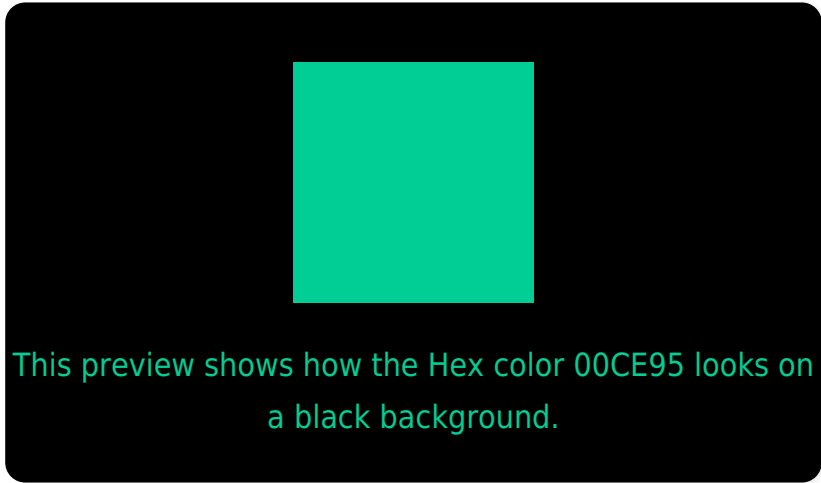
Large Text (above 18pt) WCAG AA × Fail

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

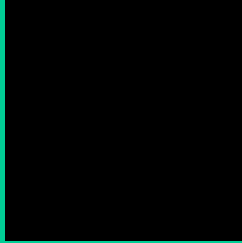
Any Text WCAG AA ✓ Pass

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 00CE95 Background



This preview shows how black text looks on a background with the Hex color 00CE95.

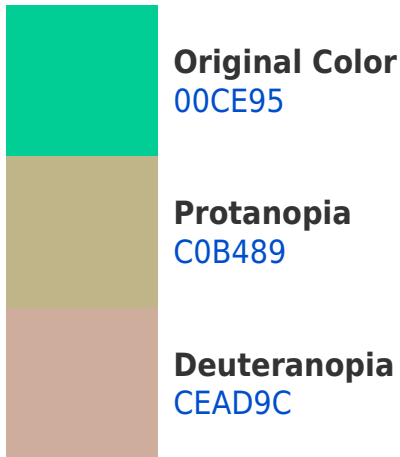


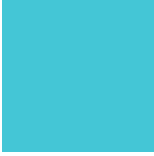
This preview shows how white text looks on a background with the Hex color 00CE95.

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
44C6D6

Trichromacy



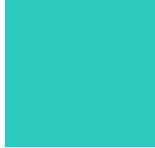
Original Color
00CE95



Protanomaly
7ABD8D

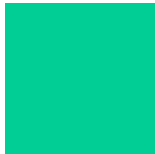


Deuteranomaly
83B999



Tritanomaly
2BC9BE

Monochromacy



Original Color
00CE95



Achromatopsia
8A8A8A



Achromatomaly
58A38E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CE95 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 #00CE95 looks like.

```
.text, #text, p{  
    color:#00CE95  
}
```

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 #00CE95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CE95
}
```

Border

The CSS property to change the border of an element to Hex 00CE95 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
#00CE95 }
```

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

```
.border{ border-color:#00CE95 }
```

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

Here you see how a box with a 4 pixel #00CE95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CE95; -webkit-box-shadow:4px 4px  
4px 4px #00CE95; box-shadow:4px 4px 4px  
4px #00CE95 }
```

Background

The CSS property to change the background color of an element to Hex 00CE95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CE95 }
```

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

```
.background{ background-color:#00CE95 }
```

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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