

Converting Colors

Hex(0CB496)

Have a look what the booklet for
Hex(0CB496) contains.

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Color

Hex(0CB496)

Conversions

Conversions Part 1

Format	Color
Hex	0CB496
RGB	12, 180, 150
RGB Percent	5%, 71%, 59%
CMY	0.9529, 0.2941, 0.4118
CMYK	0.93, 0.00, 0.17, 0.29
HSL	169°, 88%, 38%
HSV	169°, 93%, 71%
XYZ	21.9779, 34.9227, 34.4366
YIQ	126.3480, -90.4980, -44.9460

Conversions

Conversions Part 2

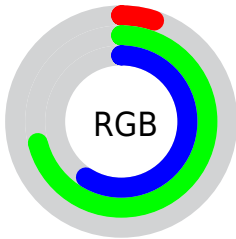
Format	Color
R_{YB}	12, 104, 180
Decimal	832662
CIE _{Lab}	65.69, -45.21, 4.58
CIE _{LCh}	66, 45.444, 174.219
Yxy	34.9227, 0.2406, 0.3823
Android (android.graphics.Color)	4279022742 (0xFF0CB496)
YUV	126.3480, 11.6604, -100.2832
Hunter-Lab	59.0954, -37.0319, 6.8168

Details

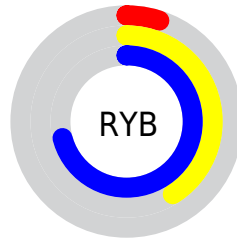
The Hex color **0CB496** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B40C2A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **62EDCC**, and **007E63** is the 20% darker color. If you saturate the color by 10%, you get **00B494**, and if you desaturate by 10%, it is **1EB499**.

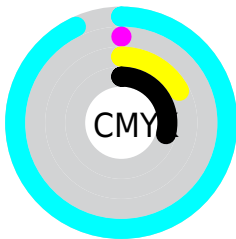
Distribution



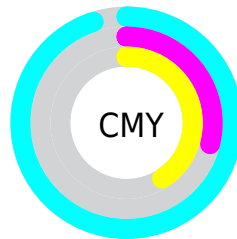
- Red (5%)
- Green (71%)
- Blue (59%)



- Red (5%)
- Yellow (41%)
- Blue (71%)



- Cyan (93%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)



- Cyan (95%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CB496 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 0CB496 by changing the saturation by 10% instead.

 0CB496

 0CB496

FFFFFF

 00997C

 62EDCC

 007E63

 82FFE8

 00644B

 A0FFFF

 004B35

 BEFFFF

 003320

 DDFFFF

 001D09

 FBFFFF

 000000

 0CB496

 0CB496

 00B494

 1EB499

 30B49C

 42B4A0

 54B4A3

 66B4A6

 78B4A9

 8AB4AD

 9CB4B0

 AEB4B3

Harmonies

Analogous

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



66B06E



0CB496



00B4C0

Triad

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



0CB496



9798EA



DD8C5F

Complementary

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



0CB496



B40C2A

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.



EC8080



0CB496



CB88D0

Square

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



0CB496



45A6F0



E77EA9



BF9B4D

Rectangle

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



0CB496



00B2D7



E77EA9



E48769

Sweetspot

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



0CB496



A9EBDF



2BB40C



4D756E



F5F5F5



757575

Same Dimension

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



0CB496



00EBC1



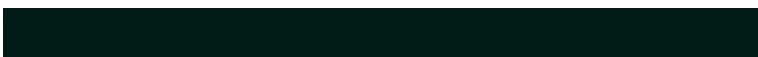
0C7FB4



505958



00997E



001A15

Inverse Universe

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



B40C2A



EB002A



B4410C



595052



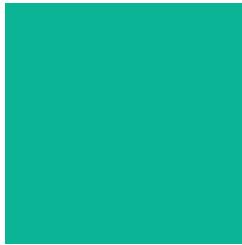
99001B



1A0005

Previews

White Background



This preview shows how the Hex color 0CB496 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 0CB496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

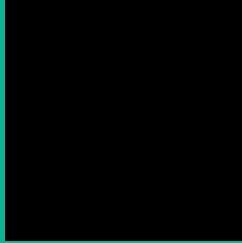
Any Text WCAG AA ✓ Pass

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 0CB496 Background



This preview shows how black text looks on a background with the Hex color 0CB496.

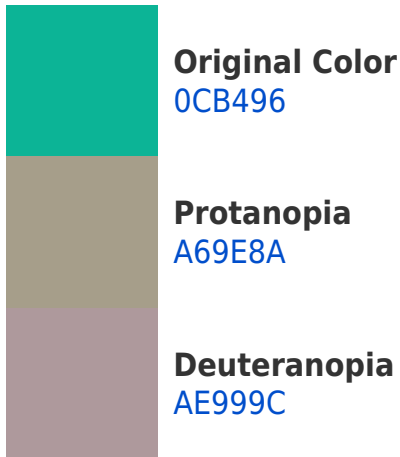


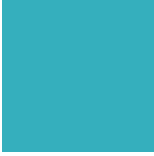
This preview shows how white text looks on a background with the Hex color 0CB496.

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
35AFBD

Trichromacy



Original Color
0CB496



Protanomaly
6EA68E



Deuteranomaly
73A39A



Tritanomaly
26B1AF

Monochromacy



Original Color
0CB496



Achromatopsia
7E7E7E



Achromatomaly
559287

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CB496 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 #0CB496 looks like.

```
.text, #text, p{  
    color:#0CB496  
}
```

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 #0CB496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CB496
}
```

Border

The CSS property to change the border of an element to Hex 0CB496 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
#0CB496 }
```

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

```
.border{ border-color:#0CB496 }
```

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

Here you see how a box with a 4 pixel #0CB496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CB496; -webkit-box-shadow:4px 4px  
4px 4px #0CB496; box-shadow:4px 4px 4px  
4px #0CB496 }
```

Background

The CSS property to change the background color of an element to Hex 0CB496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CB496 }
```

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

```
.background{ background-color:#0CB496 }
```

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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