

Converting Colors

Hex(0CA4B5)

Have a look what the booklet for
Hex(0CA4B5) contains.

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Color

Hex(0CA4B5)

Conversions

Conversions Part 1

Format	Color
Hex	0CA4B5
RGB	12, 164, 181
RGB Percent	5%, 64%, 71%
CMY	0.9529, 0.3569, 0.2902
CMYK	0.93, 0.09, 0.00, 0.29
HSL	186°, 88%, 38%
HSV	186°, 93%, 71%
XYZ	21.7676, 29.9653, 48.3527
YIQ	120.4900, -96.0490, -26.9370

Conversions

Conversions Part 2

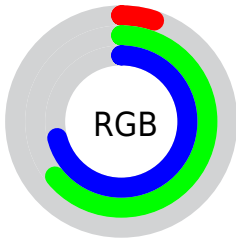
Format	Color
RYB	12, 92, 181
Decimal	828597
CIELab	61.62, -28.68, -18.75
CIELCh	62, 34.264, 213.180
Yxy	29.9653, 0.2175, 0.2994
Android (android.graphics.Color)	4279018677 (0xFF0CA4B5)
YUV	120.4900, 29.8314, -95.1457
Hunter-Lab	54.7405, -24.8155, -14.0528

Details

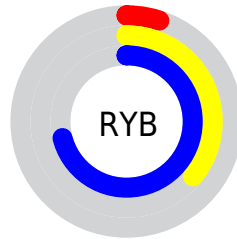
The Hex color **0CA4B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B51D0C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63DBED**, and **007080** is the 20% darker color. If you saturate the color by 10%, you get **00A3B5**, and if you desaturate by 10%, it is **1EA6B5**.

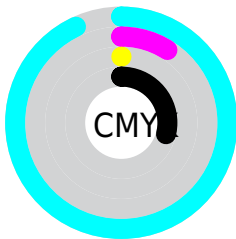
Distribution



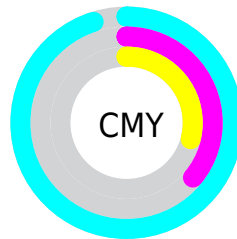
- Red (5%)
- Green (64%)
- Blue (71%)



- Red (5%)
- Yellow (36%)
- Blue (71%)



- Cyan (93%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)



- Cyan (95%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA4B5 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 0CA4B5 by changing the saturation by 10% instead.



0CA4B5



0CA4B5

FFFFFF



00899A



63DBED



007080



82F8FF



005767



A1FFFF



003F4F



BFFFFFF



002938



DEFFFF



000D23



FCFFFF



00000A



000000



0CA4B5



0CA4B5

■ 00A3B5

■ 1EA6B5

■ 30A8B5

■ 42A9B5

■ 54ABB5

■ 67ADB5

■ 79AFB5

■ 8BB1B5

■ 9DB3B5

■ AFB4B5

Harmonies

Analogous

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



36A597



0CA4B5



379FCA

Triad

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



0CA4B5



BE82B1



A69458

Complementary

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



0CA4B5



B51D0C

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.



BF8A5F



0CA4B5



CE7D93

Square

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



0CA4B5



9D8CC8



CE8075



869D61

Rectangle

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



0CA4B5



5C9AD1



CE8075



AF9158

Sweetspot

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



0CA4B5



A9E4EB



0CB51D



4D7175



F5F5F5



757575

Same Dimension

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



0CA4B5



00D3EB



0C50B5



505859



008A99



00171A

Inverse Universe

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



B50CA4



EB00D3



B5710C



595058



99008A



1A0017

Previews

White Background



This preview shows how the Hex color 0CA4B5 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0CA4B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

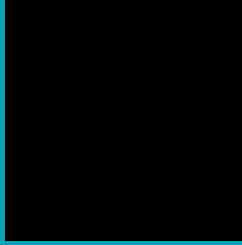
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0CA4B5 Background



This preview shows how black text looks on a background with the Hex color 0CA4B5.

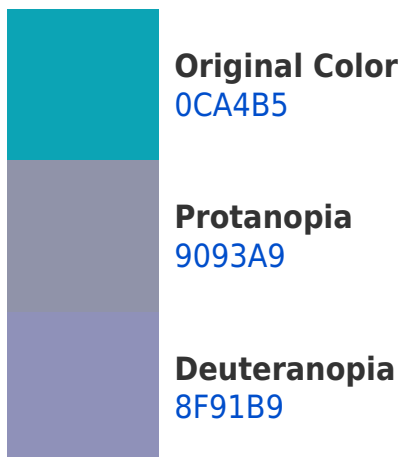


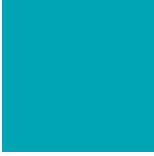
This preview shows how white text looks on a background with the Hex color 0CA4B5.

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
00A4B2

Trichromacy



Original Color
0CA4B5



Protanomaly
6099AD



Deuteranomaly
5F98B8



Tritanomaly
04A4B3

Monochromacy



Original Color
0CA4B5



Achromatopsia
787878



Achromatomaly
51888E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA4B5 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 #0CA4B5 looks like.

```
.text, #text, p{  
    color:#0CA4B5  
}
```

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 #0CA4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA4B5
}
```

Border

The CSS property to change the border of an element to Hex 0CA4B5 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
#0CA4B5 }
```

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

```
.border{ border-color:#0CA4B5 }
```

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

Here you see how a box with a 4 pixel #0CA4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA4B5; -webkit-box-shadow:4px 4px  
4px 4px #0CA4B5; box-shadow:4px 4px 4px  
4px #0CA4B5 }
```

Background

The CSS property to change the background color of an element to Hex 0CA4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA4B5 }
```

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

```
.background{ background-color:#0CA4B5 }
```

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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