

Converting Colors

Hex(0CCAC4)

Have a look what the booklet for
Hex(0CCAC4) contains.

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Color

Hex(0CCAC4)

Conversions

Conversions Part 1

Format	Color
Hex	0CCAC4
RGB	12, 202, 196
RGB Percent	5%, 79%, 77%
CMY	0.9529, 0.2078, 0.2314
CMYK	0.94, 0.00, 0.03, 0.21
HSL	178°, 89%, 42%
HSV	178°, 94%, 79%
XYZ	31.2360, 46.3047, 59.5160
YIQ	144.5060, -111.3140, -42.1460

Conversions

Conversions Part 2

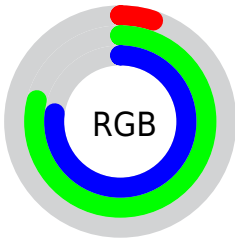
Format	Color
R _Y B	12, 109, 202
Decimal	838340
CIE Lab	73.74, -41.78, -8.80
CIE LCh	74, 42.694, 191.891
Yxy	46.3047, 0.2279, 0.3379
Android (android.graphics.Color)	4279028420 (0xFF0CCAC4)
YUV	144.5060, 25.3865, -116.2078
Hunter-Lab	68.0476, -37.1462, -4.2231

Details

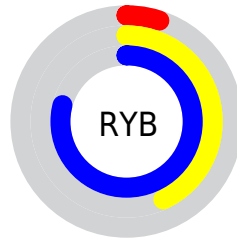
The Hex color **0CCAC4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CA0C12**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFFD**, and **00938E** is the 20% darker color. If you saturate the color by 10%, you get **00CAC4**, and if you desaturate by 10%, it is **20CAC5**.

Distribution



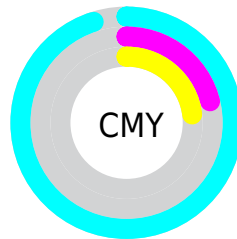
- Red (5%)
- Green (79%)
- Blue (77%)



- Red (5%)
- Yellow (43%)
- Blue (79%)



- Cyan (94%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (95%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CCAC4 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 0CCAC4 by changing the saturation by 10% instead.

 0CCAC4

 0CCAC4

FFFFFF

 00AEA9

 6BFFFD

 00938E

 8CFFFF

 007975

 ACFFFF

 005F5C

 CBFFFF

 004645

 EAFFFF

 002F2F

 00161A

 000000

 0CCAC4

 0CCAC4

■ 00CAC4

■ 20CAC5

■ 34CAC5

■ 49CAC6

■ 5DCAC7

■ 71CAC7

■ 85CAC8

■ 99CAC8

■ AECAC9

■ C2CACA

Harmonies

Analogous

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



61C89C



0CCAC4



00C7E8

Triad

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



0CCAC4



CDA5F0



E3AB6B

Complementary

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



0CCAC4



CA0C12

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.



FA9E83



0CCAC4



F299CF

Square

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



0CCAC4



95B4FF



FF96A7



BFB867

Rectangle

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



0CCAC4



27C3F9



FF96A7



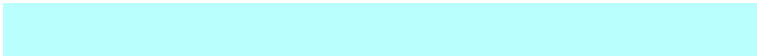
ECA671

Sweetspot

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



0CCAC4



B8FFFD



12CA0C



54807E



000000



808080

Same Dimension

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



0CCAC4



00FFF7



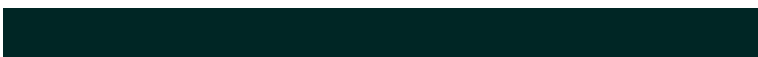
0C71CA



5C6666



00A6A1



002625

Inverse Universe

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



CA0C12



FF0008



CA650C



665C5C



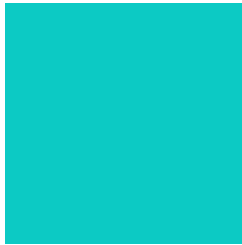
A60005



260001

Previews

White Background



This preview shows how the Hex color 0CCAC4 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 0CCAC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

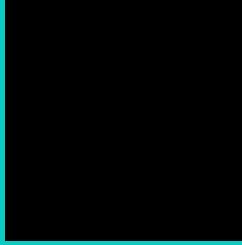
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

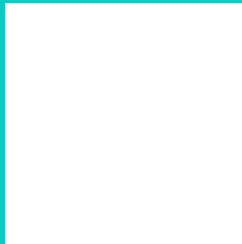
Any Text WCAG AAA ✓ Pass

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

Hex 0CCAC4 Background



This preview shows how black text looks on a background with the Hex color 0CCAC4.

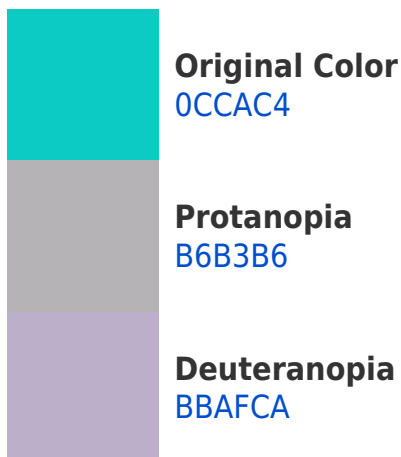


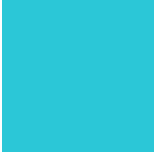
This preview shows how white text looks on a background with the Hex color 0CCAC4.

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
2BC7D7

Trichromacy



Original Color
0CCAC4



Protanomaly
78BBBB



Deuteranomaly
7BB9C8



Tritanomaly
20C8D0

Monochromacy



Original Color
0CCAC4



Achromatopsia
919191



Achromatomaly
61A6A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CCAC4 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 #0CCAC4 looks like.

```
.text, #text, p{  
    color:#0CCAC4  
}
```

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 #0CCAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CCAC4
}
```

Border

The CSS property to change the border of an element to Hex 0CCAC4 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
#0CCAC4 }
```

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

```
.border{ border-color:#0CCAC4 }
```

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

Here you see how a box with a 4 pixel #0CCAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CCAC4; -webkit-box-shadow:4px 4px  
4px 4px #0CCAC4; box-shadow:4px 4px 4px  
4px #0CCAC4 }
```

Background

The CSS property to change the background color of an element to Hex 0CCAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CCAC4 }
```

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

```
.background{ background-color:#0CCAC4 }
```

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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