

Converting Colors

Hex(04C78A)

Have a look what the booklet for
Hex(04C78A) contains.

Hex(04C78A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04C78A)

Conversions

Conversions Part 1

Format	Color
Hex	04C78A
RGB	4, 199, 138
RGB Percent	2%, 78%, 54%
CMY	0.9843, 0.2196, 0.4588
CMYK	0.98, 0.00, 0.31, 0.22
HSL	161°, 96%, 40%
HSV	161°, 98%, 78%
XYZ	25.0609, 42.7076, 30.9673
YIQ	133.7410, -96.6390, -60.3110

Conversions

Conversions Part 2

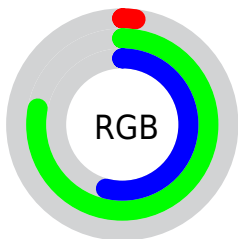
Format	Color
RYB	4, 120, 199
Decimal	313226
CIELab	71.36, -55.92, 19.09
CIELCh	71, 59.084, 161.151
Yxy	42.7076, 0.2538, 0.4325
Android (android.graphics.Color)	4278503306 (0xFF04C78A)
YUV	133.7410, 2.0997, -113.7829
Hunter-Lab	65.3511, -45.9129, 17.6506

Details

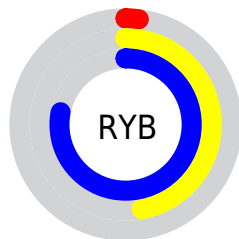
The Hex color **04C78A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C70441**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFC0**, and **009058** is the 20% darker color. If you saturate the color by 10%, you get **00C789**, and if you desaturate by 10%, it is **18C790**.

Distribution



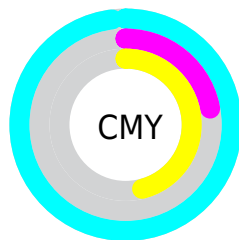
- Red (2%)
- Green (78%)
- Blue (54%)



- Red (2%)
- Yellow (47%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04C78A 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 04C78A by changing the saturation by 10% instead.

 04C78A

 04C78A

FFFFFF

 00AB70

 65FFC0

 009058

 85FFDC

 007540

 A4FFF8

 005B2A

 C3FFFF

 004214

 E2FFFF

 002B00

 000900

 000000

 04C78A

 04C78A

■ 00C789

■ 18C790

■ 2CC796

■ 40C79D

■ 54C7A3

■ 68C7A9

■ 7BC7AF

■ 8FC7B6

■ A3C7BC

■ B7C7C2

Harmonies

Analogous

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



7FC05A



04C78A



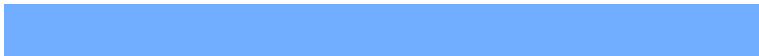
00C9C2

Triad

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



04C78A



71AEFF



FF8B6A

Complementary

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



04C78A



C70441

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.



FF7F9D



04C78A



CC98FF

Square

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



04C78A



00BEFF



FF85D3



E9A046

Rectangle

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



04C78A



00C8E5



FF85D3



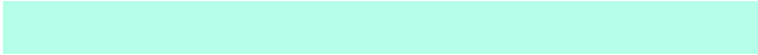
FF867A

Sweetspot

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



04C78A



B5FFE8



42C704



538072



000000



808080

Same Dimension

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



04C78A



00FFAF



04A3C7



5A6360



00A370



002419

Inverse Universe

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



C70441



FF0050



C72804



635A5D



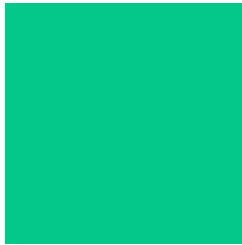
A30033



24000B

Previews

White Background



This preview shows how the Hex color 04C78A looks on a white background.

Color Contrast Check

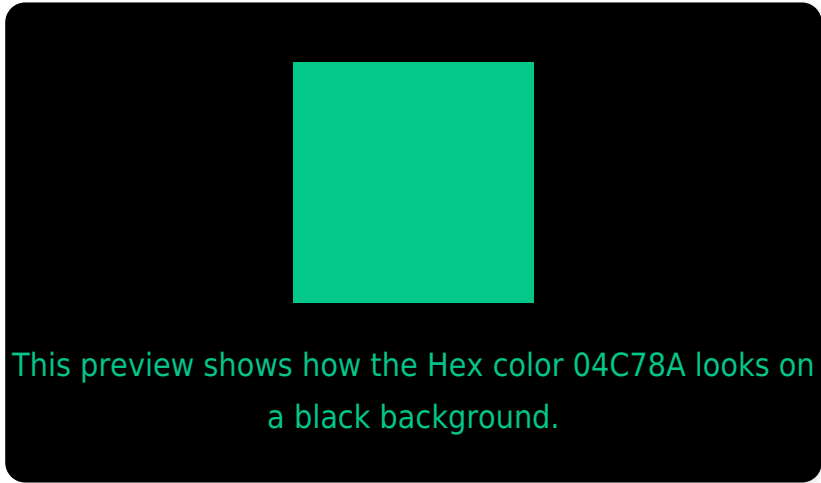
Large Text (above 18pt) WCAG AA × Fail

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

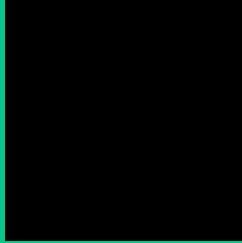
Any Text WCAG AA ✓ Pass

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 04C78A Background



This preview shows how black text looks on a background with the Hex color 04C78A.

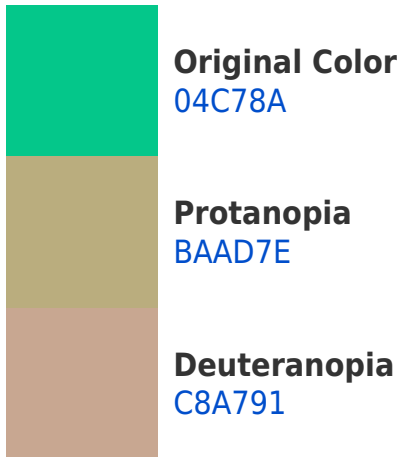


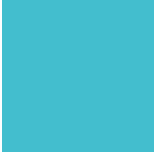
This preview shows how white text looks on a background with the Hex color 04C78A.

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





Trichromacy



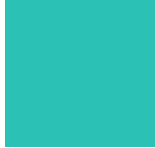
Original Color
04C78A



Protanomaly
78B682



Deuteranomaly
81B38E



Tritanomaly
2CC1B5

Monochromacy



Original Color
04C78A



Achromatopsia
868686



Achromatomaly
579E87

CSS Examples

Text

The CSS property to change the color of the text to Hex 04C78A 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 #04C78A looks like.

```
.text, #text, p{  
    color:#04C78A  
}
```

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 #04C78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C78A
}
```

Border

The CSS property to change the border of an element to Hex 04C78A 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
#04C78A }
```

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

```
.border{ border-color:#04C78A }
```

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

Here you see how a box with a 4 pixel #04C78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C78A; -webkit-box-shadow:4px 4px  
4px 4px #04C78A; box-shadow:4px 4px 4px  
4px #04C78A }
```

Background

The CSS property to change the background color of an element to Hex 04C78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C78A }
```

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

```
.background{ background-color:#04C78A }
```

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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