

Converting Colors

Hex(0C9296)

Have a look what the booklet for
Hex(0C9296) contains.

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Color

Hex(0C9296)

Conversions

Conversions Part 1

Format	Color
Hex	0C9296
RGB	12, 146, 150
RGB Percent	5%, 57%, 59%
CMY	0.9529, 0.4275, 0.4118
CMYK	0.92, 0.03, 0.00, 0.41
HSL	182°, 85%, 32%
HSV	182°, 92%, 59%
XYZ	15.9355, 22.8379, 32.4224
YIQ	106.3900, -81.1480, -27.1640

Conversions

Conversions Part 2

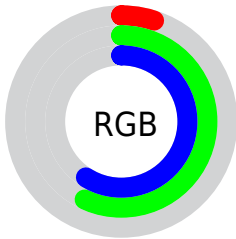
Format	Color
R_{YB}	12, 80, 150
Decimal	823958
CIE _{Lab}	54.91, -29.92, -11.30
CIE _{LCh}	55, 31.984, 200.698
Yxy	22.8379, 0.2238, 0.3208
Android (android.graphics.Color)	4279014038 (0xFF0C9296)
YUV	106.3900, 21.4997, -82.7800
Hunter-Lab	47.7891, -24.1090, -6.7729

Details

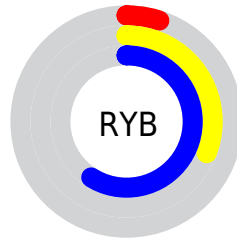
The Hex color **0C9296** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **96100C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5CC8CC**, and **005F63** is the 20% darker color. If you saturate the color by 10%, you get **009296**, and if you desaturate by 10%, it is **1B9296**.

Distribution



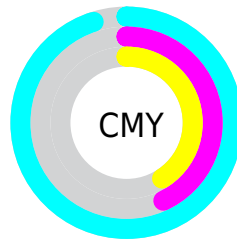
- Red (5%)
- Green (57%)
- Blue (59%)



- Red (5%)
- Yellow (31%)
- Blue (59%)



- Cyan (92%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (95%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C9296 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 0C9296 by changing the saturation by 10% instead.

 0C9296

 0C9296

FFFFFF

 00787C

 5CC8CC

 005F63

 7AE5E8

 00474B

 97FFFF

 002F35

 B5FFFF

 001B20

 D2FFFF

 000006

 F0FFFF

 000000

 0C9296

 0C9296

 009296

 1B9296

■ 2A9396

■ 399396

■ 489496

■ 579496

■ 669596

■ 759596

■ 849596

■ 939696

Harmonies

Analogous

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



3D927A



0C9296



128FAD

Triad

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



0C9296



9E75A7



9D7F4D

Complementary

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



0C9296



96100C

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.



B1755A



0C9296



B36F8D

Square

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



0C9296



7A7FB7



B96F71



82884F

Rectangle

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



0C9296



398BB7



B96F71



A57C4F

Sweetspot

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



0C9296



8CC0C2



0C960E



406061



E0E0E0



616161

Same Dimension

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



0C9296



00BCC2



0C4F96



434A4A



00868A



000A0A

Inverse Universe

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



960C92



C200BC



96530C



4A434A



8A0086



0A000A

Previews

White Background



This preview shows how the Hex color 0C9296 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 0C9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

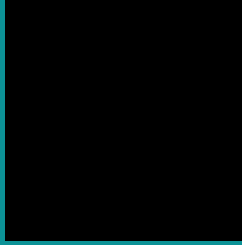
Any Text WCAG AA ✓ Pass

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 0C9296 Background



This preview shows how black text looks on a background with the Hex color 0C9296.

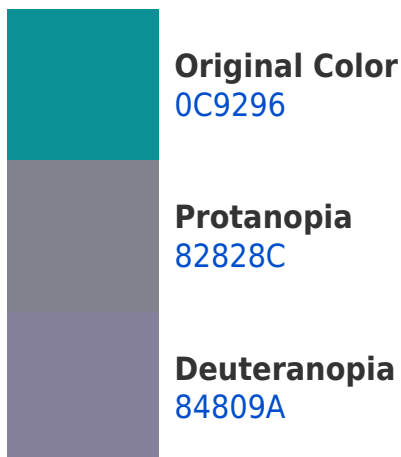


This preview shows how white text looks on a background with the Hex color 0C9296.

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
19919D

Trichromacy



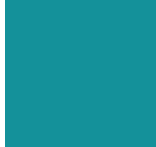
Original Color
0C9296



Protanomaly
578890



Deuteranomaly
588799



Tritanomaly
14919A

Monochromacy



Original Color
0C9296



Achromatopsia
6A6A6A



Achromatomaly
48797A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C9296 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 #0C9296 looks like.

```
.text, #text, p{  
    color:#0C9296  
}
```

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 #0C9296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C9296
}
```

Border

The CSS property to change the border of an element to Hex 0C9296 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
#0C9296 }
```

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

```
.border{ border-color:#0C9296 }
```

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

Here you see how a box with a 4 pixel #0C9296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C9296; -webkit-box-shadow:4px 4px  
4px 4px #0C9296; box-shadow:4px 4px 4px  
4px #0C9296 }
```

Background

The CSS property to change the background color of an element to Hex 0C9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C9296 }
```

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

```
.background{ background-color:#0C9296 }
```

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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