

Converting Colors

Hex(0C8283)

Have a look what the booklet for
Hex(0C8283) contains.

Hex(0C8283)	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(0C8283)

Conversions

Conversions Part 1

Format	Color
Hex	0C8283
RGB	12, 130, 131
RGB Percent	5%, 51%, 51%
CMY	0.9529, 0.4902, 0.4863
CMYK	0.91, 0.01, 0.00, 0.49
HSL	181°, 83%, 28%
HSV	181°, 91%, 51%
XYZ	12.2310, 17.6821, 24.2411
YIQ	94.8320, -70.6490, -24.7050

Conversions

Conversions Part 2

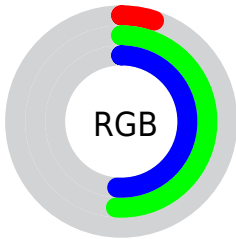
Format	Color
RYB	12, 71, 131
Decimal	819843
CIELab	49.11, -28.21, -8.96
CIElCh	49, 29.596, 197.624
Yxy	17.6821, 0.2259, 0.3265
Android (android.graphics.Color)	4279009923 (0xFF0C8283)
YUV	94.8320, 17.8308, -72.6437
Hunter-Lab	42.0501, -21.6680, -4.7445

Details

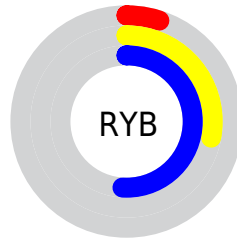
The Hex color **0C8283** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **830D0C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56B7B8**, and **005052** is the 20% darker color. If you saturate the color by 10%, you get **008283**, and if you desaturate by 10%, it is **198283**.

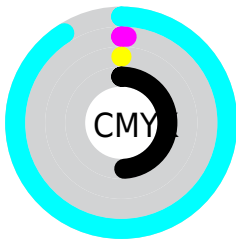
Distribution



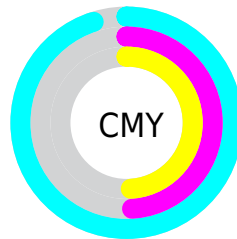
- Red (5%)
- Green (51%)
- Blue (51%)



- Red (5%)
- Yellow (28%)
- Blue (51%)



- Cyan (91%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C8283 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 0C8283 by changing the saturation by 10% instead.

 0C8283

 0C8283

FFFFFF

 00696A


 56B7B8

 005052

 73D3D4

 00383B

 90F0F0

 002325

 ADFFFF

 000111

 CAFFFF

 000000

 E8FFFF

 0C8283

 0C8283

 008283

 198283

■ 268283

■ 338283

■ 408283

■ 4E8383

■ 5B8383

■ 688383

■ 758383

■ 828383

Harmonies

Analogous

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



398169



0C8283



038099

Triad

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



0C8283



8A6997



8E7044

Complementary

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



0C8283



830D0C

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.



9F6751



0C8283



9F6280

Square

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



0C8283



6872A4



A66267



767844

Rectangle

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



0C8283



2C7CA3



A66267



956D47

Sweetspot

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



0C8283



7DAAAB



0C830C



3B5657



D6D6D6



575757

Same Dimension

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



0C8283



00A9AB



0C4883



3C4242



008182



000303

Inverse Universe

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



830C82



AB00A9



83480C



423C42



820081



030003

Previews

White Background



This preview shows how the Hex color 0C8283 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

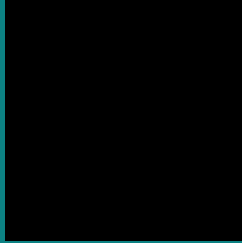
Any Text WCAG AA ✓ Pass

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 0C8283 Background



This preview shows how black text looks on a background with the Hex color 0C8283.

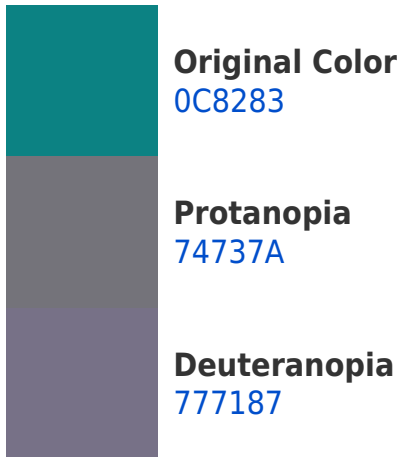


This preview shows how white text looks on a background with the Hex color 0C8283.

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
19818B

Trichromacy



Original Color
0C8283



Protanomaly
4E787D



Deuteranomaly
507786



Tritanomaly
148188

Monochromacy



Original Color
0C8283



Achromatopsia
5F5F5F



Achromatomaly
416C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C8283 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 #0C8283 looks like.

```
.text, #text, p{  
    color:#0C8283  
}
```

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 #0C8283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8283  
}
```

Border

The CSS property to change the border of an element to Hex 0C8283 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  
#0C8283 }
```

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

```
.border{ border-color:#0C8283 }
```

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

Here you see how a box with a 4 pixel #0C8283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8283; -webkit-box-shadow:4px 4px  
4px 4px #0C8283; box-shadow:4px 4px 4px  
4px #0C8283 }
```

Background

The CSS property to change the background color of an element to Hex 0C8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8283 }
```

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

```
.background{ background-color:#0C8283 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor