

Converting Colors

Hex(08AC96)

Have a look what the booklet for
Hex(08AC96) contains.

Hex(08AC96)	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(08AC96)

Conversions

Conversions Part 1

Format	Color
Hex	08AC96
RGB	8, 172, 150
RGB Percent	3%, 67%, 59%
CMY	0.9686, 0.3255, 0.4118
CMYK	0.95, 0.00, 0.13, 0.33
HSL	172°, 91%, 35%
HSV	172°, 95%, 67%
XYZ	20.3577, 31.7587, 33.9112
YIQ	120.4560, -90.6820, -41.6100

Conversions

Conversions Part 2

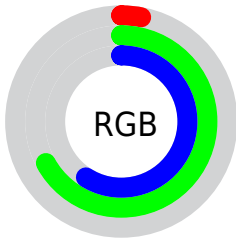
Format	Color
RYB	8, 96, 172
Decimal	568470
CIELab	63.14, -41.98, 0.89
CIELCh	63, 41.985, 178.792
Yxy	31.7587, 0.2366, 0.3692
Android (android.graphics.Color)	4278758550 (0xFF08AC96)
YUV	120.4560, 14.5652, -98.6239
Hunter-Lab	56.3548, -34.1394, 3.7709

Details

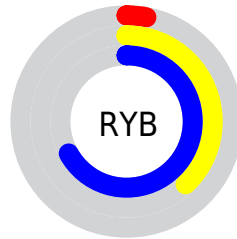
The Hex color **08AC96** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC081E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **60E4CC**, and **007763** is the 20% darker color. If you saturate the color by 10%, you get **00AC95**, and if you desaturate by 10%, it is **19AC98**.

Distribution



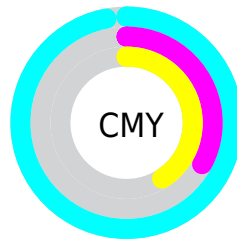
- Red (3%)
- Green (67%)
- Blue (59%)



- Red (3%)
- Yellow (38%)
- Blue (67%)



- Cyan (95%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (97%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08AC96 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 08AC96 by changing the saturation by 10% instead.

 08AC96

 08AC96

FFFFFF

 00917C

 60E4CC

 007763

 7FFFE8

 005D4C

 9DFFFF

 004535

 BBFFFF

 002E20

 D9FFFF

 001309

 F8FFFF

 000000

 08AC96

 08AC96

 00AC95

 19AC98

 2AAC9B

 3CAC9D

 4DAC9F

 5EACA2

 6FACA4

 80ACA6

 92ACA8

 A3ACAB

Harmonies

Analogous

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



5DA971



08AC96



00ABBC

Triad

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



08AC96



9A90DA



CE895A

Complementary

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



08AC96



AC081E

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.



DF7E77



08AC96



C682C0

Square

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



08AC96



589DE3



DD7A9C



B1964D

Rectangle

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



08AC96



00A9D0



DD7A9C



D68562

Sweetspot

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



08AC96



9FE0D8



21AC08



49706B



F0F0F0



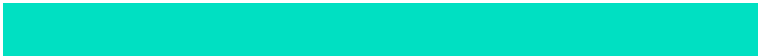
707070

Same Dimension

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



08AC96



00E0C2



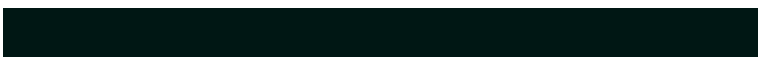
0873AC



4E5756



009682



001714

Inverse Universe

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



AC081E



E0001E



AC4108



574E4F



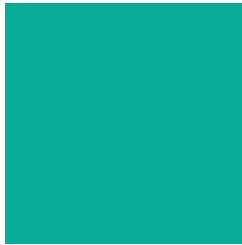
960014



170003

Previews

White Background



This preview shows how the Hex color 08AC96 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 08AC96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

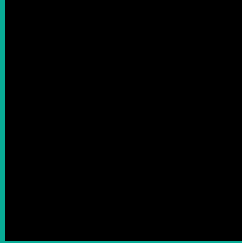
Any Text WCAG AA ✓ Pass

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 08AC96 Background



This preview shows how black text looks on a background with the Hex color 08AC96.

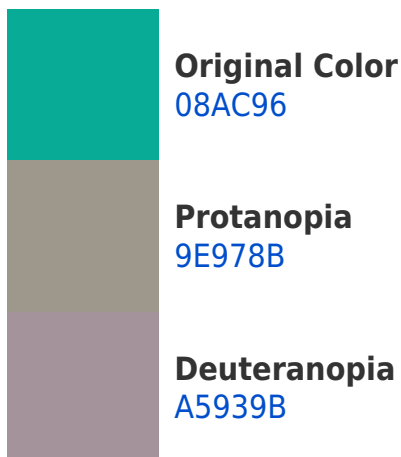


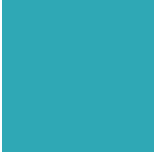
This preview shows how white text looks on a background with the Hex color 08AC96.

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
2FA8B5

Trichromacy



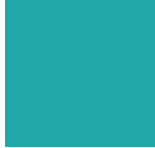
Original Color
08AC96



Protanomaly
679F8F



Deuteranomaly
6C9C99



Tritanomaly
21A9AA

Monochromacy



Original Color
08AC96



Achromatopsia
787878



Achromatomaly
4F8B83

CSS Examples

Text

The CSS property to change the color of the text to Hex 08AC96 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 #08AC96 looks like.

```
.text, #text, p{  
    color:#08AC96  
}
```

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 #08AC96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08AC96
}
```

Border

The CSS property to change the border of an element to Hex 08AC96 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
#08AC96 }
```

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

```
.border{ border-color:#08AC96 }
```

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

Here you see how a box with a 4 pixel #08AC96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08AC96; -webkit-box-shadow:4px 4px  
4px 4px #08AC96; box-shadow:4px 4px 4px  
4px #08AC96 }
```

Background

The CSS property to change the background color of an element to Hex 08AC96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08AC96 }
```

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

```
.background{ background-color:#08AC96 }
```

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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