

Converting Colors

Hex(09BAC4)

Have a look what the booklet for
Hex(09BAC4) contains.

Hex(09BAC4)	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(09BAC4)

Conversions

Conversions Part 1

Format	Color
Hex	09BAC4
RGB	9, 186, 196
RGB Percent	4%, 73%, 77%
CMY	0.9647, 0.2706, 0.2314
CMYK	0.95, 0.05, 0.00, 0.23
HSL	183°, 91%, 40%
HSV	183°, 95%, 77%
XYZ	27.6354, 39.1614, 58.3269
YIQ	134.2170, -108.7020, -34.4140

Conversions

Conversions Part 2

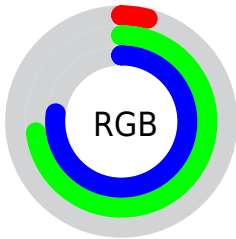
Format	Color
R_{YB}	9, 100, 196
Decimal	637636
CIE Lab	68.87, -34.57, -16.11
CIE LCh	69, 38.136, 204.981
Yxy	39.1614, 0.2209, 0.3130
Android (android.graphics.Color)	4278827716 (0xFF09BAC4)
YUV	134.2170, 30.4590, -109.8153
Hunter-Lab	62.5791, -30.6865, -11.4560

Details

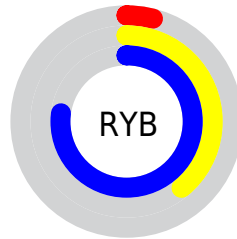
The Hex color **09BAC4** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C41309**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F3FD**, and **00848E** is the 20% darker color. If you saturate the color by 10%, you get **00BAC4**, and if you desaturate by 10%, it is **1DBBC4**.

Distribution



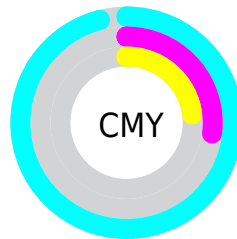
- Red (4%)
- Green (73%)
- Blue (77%)



- Red (4%)
- Yellow (39%)
- Blue (77%)



- Cyan (95%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Hex color 09BAC4 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 09BAC4 by changing the saturation by 10% instead.

 09BAC4

 09BAC4

FFFFFF

 009FA9

 68F3FD

 00848E

 88FFFF

 006A75

 A8FFFF

 00525C

 C7FFFF

 003A45

 E6FFFF

 00252E

 00011A

 000000

 09BAC4

 09BAC4

00BAC4

1DBBC4

30BCC4

44BDC4

57BEC4

6BBFC4

7FC0C4

92C1C4

A6C2C4

B9C3C4

Harmonies

Analogous

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



4ABAA1



09BAC4



27B6E0

Triad

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



09BAC4



CE95D0



C4A463

Complementary

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



09BAC4



C41309

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.



DE9871



09BAC4



E68EAF

Square

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



09BAC4



A4A1E7



EB8F8D



A1AF68

Rectangle

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



09BAC4



56B1EA



EB8F8D



CEA065

Sweetspot

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



09BAC4



B5FBFF



09C412



537D80



000000



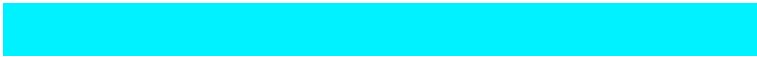
808080

Same Dimension

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



09BAC4



00F1FF



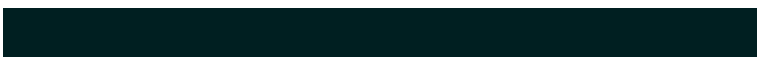
095DC4



576061



0098A1



001F21

Inverse Universe

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



C409BA



FF00F1



C47009



615760



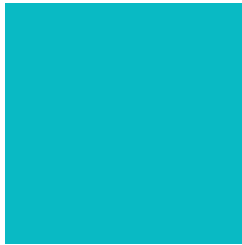
A10098



21001F

Previews

White Background



This preview shows how the Hex color 09BAC4 looks on a white background.

Color Contrast Check

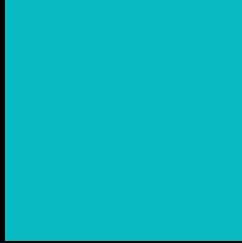
Large Text (above 18pt) WCAG AA × Fail

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 09BAC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

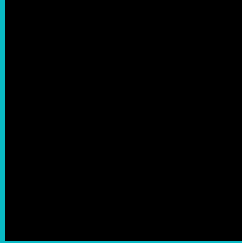
Any Text WCAG AA ✓ Pass

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 09BAC4 Background



This preview shows how black text looks on a background with the Hex color 09BAC4.

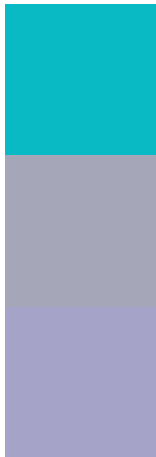


This preview shows how white text looks on a background with the Hex color 09BAC4.

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](#).

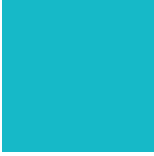
Dichromacy



Original Color
09BAC4

Protanopia
A5A6B7

Deuteranopia
A6A3C9



Tritanopia
16B9C8

Trichromacy



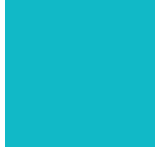
Original Color
09BAC4



Protanomaly
6CADBC



Deuteranomaly
6DABC7



Tritanomaly
11B9C7

Monochromacy



Original Color
09BAC4



Achromatopsia
868686



Achromatomaly
59999D

CSS Examples

Text

The CSS property to change the color of the text to Hex 09BAC4 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 #09BAC4 looks like.

```
.text, #text, p{  
    color:#09BAC4  
}
```

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 #09BAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09BAC4
}
```

Border

The CSS property to change the border of an element to Hex 09BAC4 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
#09BAC4 }
```

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

```
.border{ border-color:#09BAC4 }
```

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

Here you see how a box with a 4 pixel #09BAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09BAC4; -webkit-box-shadow:4px 4px  
4px 4px #09BAC4; box-shadow:4px 4px 4px  
4px #09BAC4 }
```

Background

The CSS property to change the background color of an element to Hex 09BAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09BAC4 }
```

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

```
.background{ background-color:#09BAC4 }
```

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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