

Converting Colors

Hex(09BBC3)

Have a look what the booklet for
Hex(09BBC3) contains.

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Color

Hex(09BBC3)

Conversions

Conversions Part 1

Format	Color
Hex	09BBC3
RGB	9, 187, 195
RGB Percent	4%, 73%, 76%
CMY	0.9647, 0.2667, 0.2353
CMYK	0.95, 0.04, 0.00, 0.24
HSL	183°, 91%, 40%
HSV	183°, 95%, 76%
XYZ	27.7333, 39.5389, 57.7998
YIQ	134.6900, -108.6560, -35.2480

Conversions

Conversions Part 2

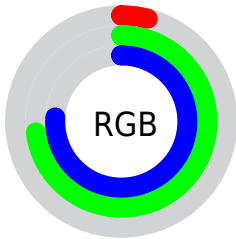
Format	Color
RYB	9, 100, 195
Decimal	637891
CIELab	69.14, -35.35, -15.15
CIELCh	69, 38.457, 203.194
Yxy	39.5389, 0.2217, 0.3161
Android (android.graphics.Color)	4278827971 (0xFF09BBC3)
YUV	134.6900, 29.7328, -110.2301
Hunter-Lab	62.8799, -31.3121, -10.4840

Details

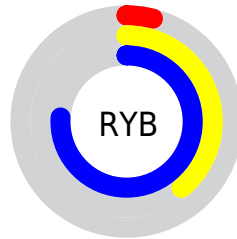
The Hex color **09BBC3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C31109**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F4FC**, and **00858D** is the 20% darker color. If you saturate the color by 10%, you get **00BBC3**, and if you desaturate by 10%, it is **1CBCC3**.

Distribution



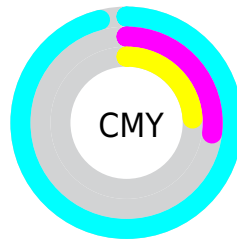
- Red (4%)
- Green (73%)
- Blue (76%)



- Red (4%)
- Yellow (39%)
- Blue (76%)



- Cyan (95%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09BBC3 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 09BBC3 by changing the saturation by 10% instead.

 09BBC3

 09BBC3

FFFFFF

 00A0A8


 68F4FC

 00858D

 88FFFF

 006B74

 A8FFFF

 00525B

 C7FFFF

 003B44

 E6FFFF

 00262D

 00011A

 000000

 09BBC3

 09BBC3

■ 00BBC3

■ 1CBCC3

■ 30BDC3

■ 43BEC3

■ 57BEC3

■ 6BBFC3

■ 7EC0C3

■ 92C1C3

■ A5C2C3

■ B8C3C3

Harmonies

Analogous

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



4CBB9F



09BBC3



20B7E0

Triad

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



09BBC3



CD96D3



C7A463

Complementary

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



09BBC3



C31109

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.



E09872



09BBC3



E78EB2

Square

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



09BBC3



A1A3E9



EC8F8F



A4AF67

Rectangle

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



09BBC3



51B2EB



EC8F8F



D0A066

Sweetspot

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



09BBC3



B3F9FC



09C30F



537E80



000000



808080

Same Dimension

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



09BBC3



00F2FC



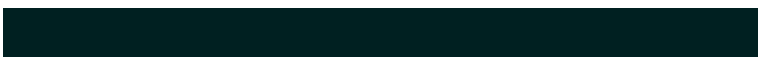
0960C3



576061



009AA1



002021

Inverse Universe

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



C309BB



FC00F2



C36C09



615760



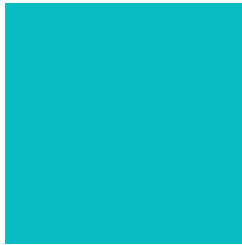
A1009A



210020

Previews

White Background



This preview shows how the Hex color 09BBC3 looks on a white background.

Color Contrast Check

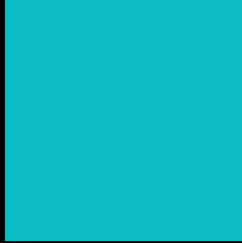
Large Text (above 18pt) WCAG AA × Fail

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 09BBC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

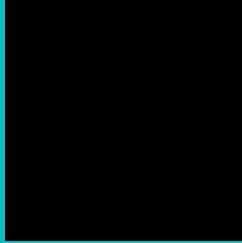
Any Text WCAG AA ✓ Pass

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 09BBC3 Background



This preview shows how black text looks on a background with the Hex color 09BBC3.

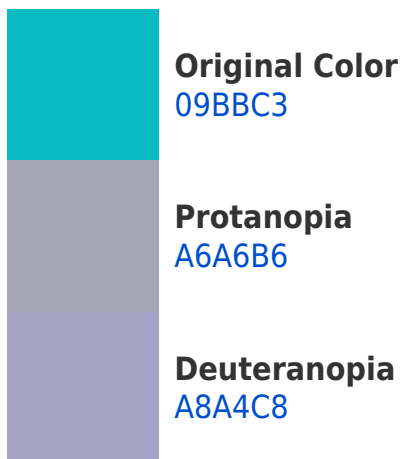


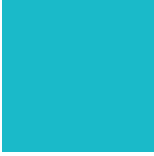
This preview shows how white text looks on a background with the Hex color 09BBC3.

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

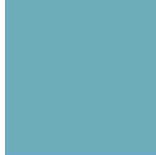




Trichromacy



Original Color
09BBC3



Protanomaly
6DAEBB



Deuteranomaly
6EACC6



Tritanomaly
14BAC7

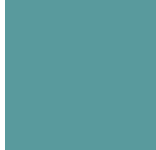
Monochromacy



Original Color
09BBC3



Achromatopsia
878787



Achromatomaly
599A9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 09BBC3 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 #09BBC3 looks like.

```
.text, #text, p{  
    color:#09BBC3  
}
```

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 #09BBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09BBC3
}
```

Border

The CSS property to change the border of an element to Hex 09BBC3 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
#09BBC3 }
```

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

```
.border{ border-color:#09BBC3 }
```

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

Here you see how a box with a 4 pixel #09BBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09BBC3; -webkit-box-shadow:4px 4px  
4px 4px #09BBC3; box-shadow:4px 4px 4px  
4px #09BBC3 }
```

Background

The CSS property to change the background color of an element to Hex 09BBC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09BBC3 }
```

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

```
.background{ background-color:#09BBC3 }
```

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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