

Converting Colors

Hex(0A9EB6)

Have a look what the booklet for
Hex(0A9EB6) contains.

Hex(0A9EB6)	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(0A9EB6)

Conversions

Conversions Part 1

Format	Color
Hex	0A9EB6
RGB	10, 158, 182
RGB Percent	4%, 62%, 71%
CMY	0.9608, 0.3804, 0.2863
CMYK	0.95, 0.13, 0.00, 0.29
HSL	188°, 90%, 38%
HSV	188°, 95%, 71%
XYZ	20.7955, 27.8956, 48.5443
YIQ	116.4840, -95.9120, -23.9120

Conversions

Conversions Part 2

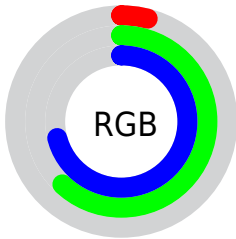
Format	Color
RYB	10, 90, 182
Decimal	695990
CIELab	59.79, -25.41, -22.11
CIELCh	60, 33.683, 221.022
Yxy	27.8956, 0.2139, 0.2869
Android (android.graphics.Color)	4278886070 (0xFF0A9EB6)
YUV	116.4840, 32.2994, -93.3865
Hunter-Lab	52.8163, -22.1472, -17.5229

Details

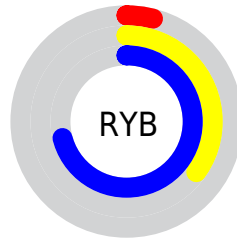
The Hex color **0A9EB6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B6220A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **62D5EE**, and **006A81** is the 20% darker color. If you saturate the color by 10%, you get **009DB6**, and if you desaturate by 10%, it is **1CA1B6**.

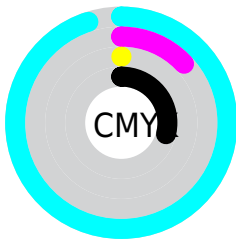
Distribution



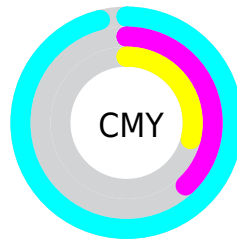
- Red (4%)
- Green (62%)
- Blue (71%)



- Red (4%)
- Yellow (35%)
- Blue (71%)



- Cyan (95%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)



- Cyan (96%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A9EB6 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 0A9EB6 by changing the saturation by 10% instead.

 0A9EB6

 0A9EB6

FFFFFF

 00849B

 62D5EE

 006A81

 81F1FF

 005268

 A0FFFF

 003A50

 BEFFFF

 002539

 DCFFFF

 000224

 FBFFFF

 00000B

 000000

 0A9EB6

 0A9EB6

009DB6

1CA1B6

2EA3B6

41A6B6

53A8B6

65ABB6

77ADB6

89B0B6

9CB2B6

AEB5B6

Harmonies

Analogous

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



27A09A



0A9EB6



4398C7

Triad

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



0A9EB6



BE7BA4



999255

Complementary

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



0A9EB6



B6220A

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.



B48858



0A9EB6



CA7986

Square

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



0A9EB6



A184BD



C57E6B



789A62

Rectangle

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



0A9EB6



6693CB



C57E6B



A28F54

Sweetspot

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



0A9EB6



ABE4ED



0AB621



4F7278



F7F7F7



787878

Same Dimension

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



0A9EB6



00CCED



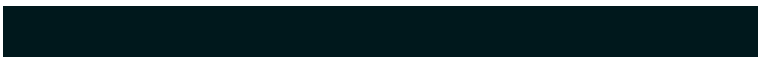
0A49B6



535B5C



00869C



00181C

Inverse Universe

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



B60A9E



ED00CC



B6770A



5C535B



9C0086



1C0018

Previews

White Background



This preview shows how the Hex color 0A9EB6 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 0A9EB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

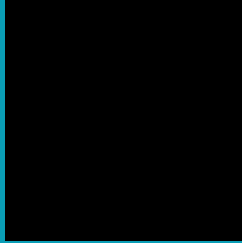
Any Text WCAG AA ✓ Pass

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 0A9EB6 Background



This preview shows how black text looks on a background with the Hex color 0A9EB6.

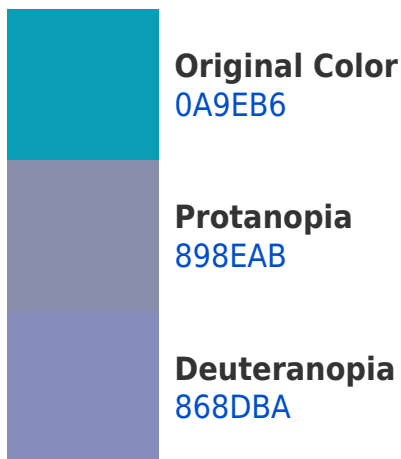


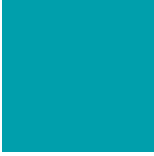
This preview shows how white text looks on a background with the Hex color 0A9EB6.

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
0A9EB6



Protanomaly
5B94AF



Deuteranomaly
5993B9



Tritanomaly
049FB0

Monochromacy



Original Color
0A9EB6



Achromatopsia
747474



Achromatomaly
4D838C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A9EB6 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 #0A9EB6 looks like.

```
.text, #text, p{  
    color:#0A9EB6  
}
```

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 #0A9EB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9EB6
}
```

Border

The CSS property to change the border of an element to Hex 0A9EB6 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
#0A9EB6 }
```

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

```
.border{ border-color:#0A9EB6 }
```

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

Here you see how a box with a 4 pixel #0A9EB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9EB6; -webkit-box-shadow:4px 4px  
4px 4px #0A9EB6; box-shadow:4px 4px 4px  
4px #0A9EB6 }
```

Background

The CSS property to change the background color of an element to Hex 0A9EB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9EB6 }
```

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

```
.background{ background-color:#0A9EB6 }
```

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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