

Converting Colors

Hex(0091AB)

Have a look what the booklet for
Hex(0091AB) contains.

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Color

Hex(0091AB)

Conversions

Conversions Part 1

Format	Color
Hex	0091AB
RGB	0, 145, 171
RGB Percent	0%, 57%, 67%
CMY	1.0000, 0.4314, 0.3294
CMYK	1.00, 0.15, 0.00, 0.33
HSL	189°, 100%, 34%
HSV	189°, 100%, 67%
XYZ	17.4761, 23.1911, 42.0833
YIQ	104.6090, -94.7660, -22.6540

Conversions

Conversions Part 2

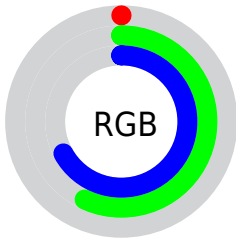
Format	Color
RYB	0, 78, 171
Decimal	37291
CIELab	55.27, -22.87, -22.81
CIElCh	55, 32.302, 224.917
Yxy	23.1911, 0.2112, 0.2803
Android (android.graphics.Color)	4278227371 (0xFF0091AB)
YUV	104.6090, 32.7308, -91.7421
Hunter-Lab	48.1571, -19.4978, -18.1021

Details

The Hex color **0091AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB1A00**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5CC7E2**, and **005E77** is the 20% darker color. If you saturate the color by 10%, you get **0091AB**, and if you desaturate by 10%, it is **1194AB**.

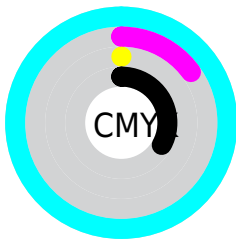
Distribution



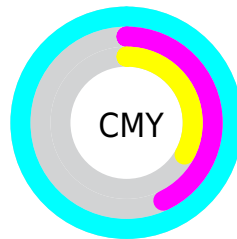
- Red (0%)
- Green (57%)
- Blue (67%)



- Red (0%)
- Yellow (31%)
- Blue (67%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0091AB 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 0091AB by changing the saturation by 10% instead.

 0091AB

 0091AB

FFFFFF

 007790

 5CC7E2

 005E77

 7BE3FF

 00465E

 99FFFF

 002F46

 B7FFFF

 001D30


 D5FFFF

 00011B

 F3FFFF

 000000

 0091AB

 1194AB

 2296AB

 3399AB

 449BAB

 559EAB

 67A1AB

 78A3AB

 89A6AB

 9AA8AB

Harmonies

Analogous

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



169392



0091AB



418BBA

Triad

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



0091AB



B27094



89874D

Complementary

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



0091AB



AB1A00

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.



A37E4E



0091AB



BB6F77

Square

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



0091AB



9978AC



B5745E



698E5C

Rectangle

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



0091AB



6386BC



B5745E



92844C

Sweetspot

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



0091AB



9BD4DE



00AB1A



486A70



F0F0F0



707070

Same Dimension

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



0091AB



00BCDE



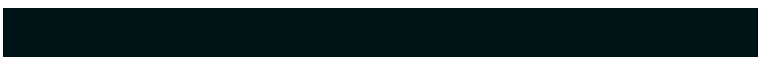
003CAB



4E5557



008096



001317

Inverse Universe

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



AB0091



DE00BC



AB6F00



574E55



960080



170013

Previews

White Background



This preview shows how the Hex color 0091AB looks on a white background.

Color Contrast Check

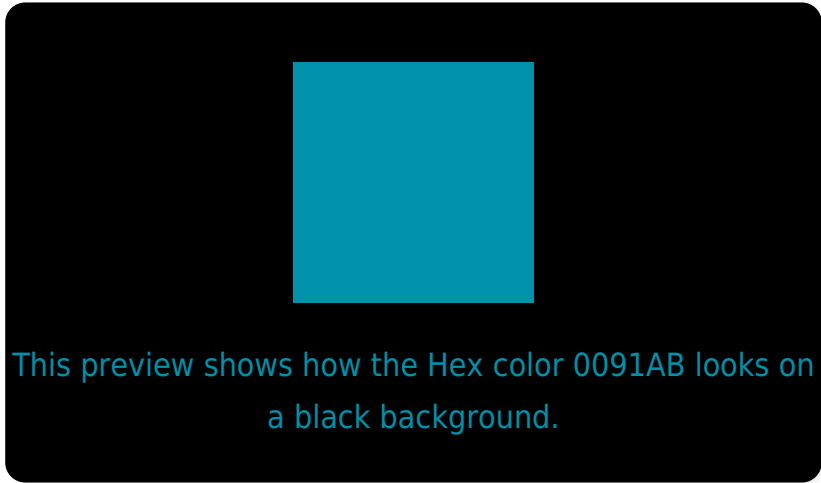
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

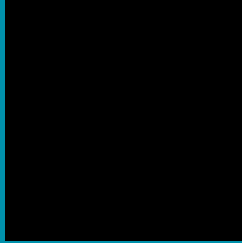
Any Text WCAG AA ✓ Pass

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 0091AB Background



This preview shows how black text looks on a background with the Hex color 0091AB.

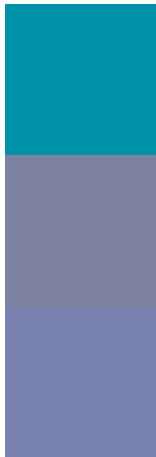


This preview shows how white text looks on a background with the Hex color 0091AB.

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](#).

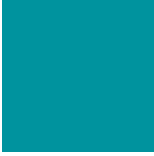
Dichromacy



Original Color
0091AB

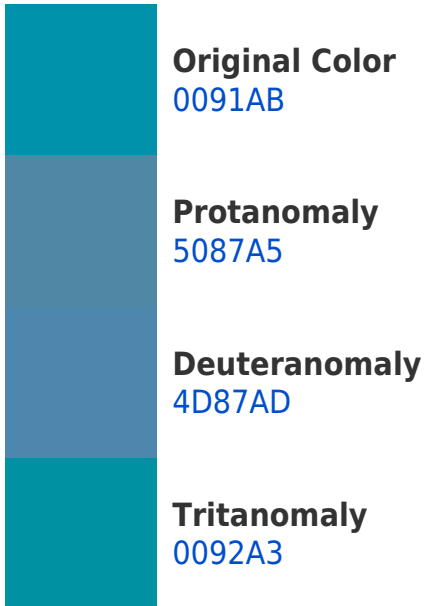
Protanopia
7D82A1

Deuteranopia
7982AE

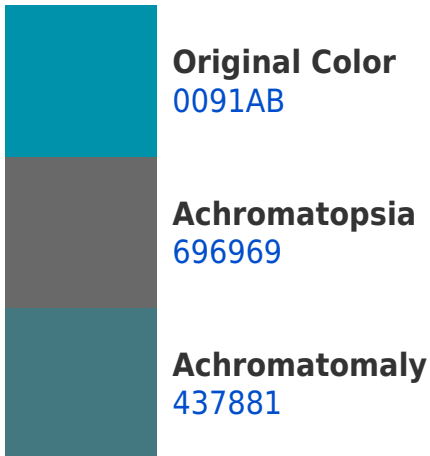


Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0091AB 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 #0091AB looks like.

```
.text, #text, p{  
    color:#0091AB  
}
```

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 #0091AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091AB
}
```

Border

The CSS property to change the border of an element to Hex 0091AB 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
#0091AB }
```

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

```
.border{ border-color:#0091AB }
```

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

Here you see how a box with a 4 pixel #0091AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091AB; -webkit-box-shadow:4px 4px  
4px 4px #0091AB; box-shadow:4px 4px 4px  
4px #0091AB }
```

Background

The CSS property to change the background color of an element to Hex 0091AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091AB }
```

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

```
.background{ background-color:#0091AB }
```

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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