

Converting Colors

Hex(0091B2)

Have a look what the booklet for
Hex(0091B2) contains.

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Color

Hex(0091B2)

Conversions

Conversions Part 1

Format	Color
Hex	0091B2
RGB	0, 145, 178
RGB Percent	0%, 57%, 70%
CMY	1.0000, 0.4314, 0.3020
CMYK	1.00, 0.19, 0.00, 0.30
HSL	191°, 100%, 35%
HSV	191°, 100%, 70%
XYZ	18.1613, 23.4652, 45.6915
YIQ	105.4070, -97.0130, -20.4770

Conversions

Conversions Part 2

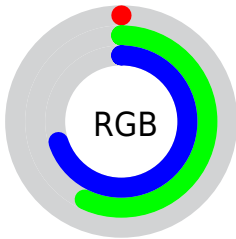
Format	Color
RYB	0, 80, 178
Decimal	37298
CIELab	55.55, -20.41, -26.38
CIELCh	56, 33.351, 232.265
Yxy	23.4652, 0.2080, 0.2687
Android (android.graphics.Color)	4278227378 (0xFF0091B2)
YUV	105.4070, 35.7883, -92.4419
Hunter-Lab	48.4408, -17.8488, -22.0163

Details

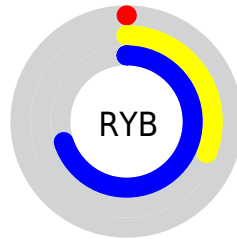
The Hex color **0091B2** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B22100**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5EC7EA**, and **005E7D** is the 20% darker color. If you saturate the color by 10%, you get **0091B2**, and if you desaturate by 10%, it is **1294B2**.

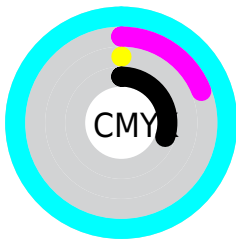
Distribution



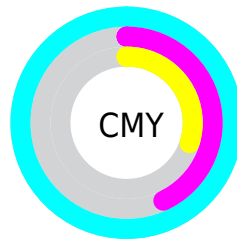
- Red (0%)
- Green (57%)
- Blue (70%)



- Red (0%)
- Yellow (31%)
- Blue (70%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)




- Cyan (100%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0091B2 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 0091B2 by changing the saturation by 10% instead.

 0091B2

 0091B2

FFFFFF

 007797

 5EC7EA

 005E7D

 7DE3FF

 004664

 9BFFFF

 00304C

 B9FFFF

 001D35

 D7FFFF

 000220

 F6FFFF

 000004

 000000

 0091B2

 1294B2

 2498B2

 359BB2

 479EB2

 59A2B2

 6BA5B2

 7DA8B2

 8EABB2

 A0AFB2

Harmonies

Analogous

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



00949A



0091B2



4B8ABE

Triad

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



0091B2



B86F8E



828A4E

Complementary

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



0091B2



B22100

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.



9E814B



0091B2



BD6F71

Square

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



0091B2



A276A9



B37758



609161

Rectangle

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



0091B2



6E84BD



B37758



8C874B

Sweetspot

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



0091B2



A2DBE8



00B221



4B6D75



F5F5F5



757575

Same Dimension

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



0091B2



00BDE8



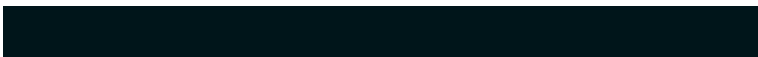
0038B2



505859



007D99



00151A

Inverse Universe

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



B20091



E800BD



B27A00



595058



99007D



1A0015

Previews

White Background



This preview shows how the Hex color 0091B2 looks on a white background.

Color Contrast Check

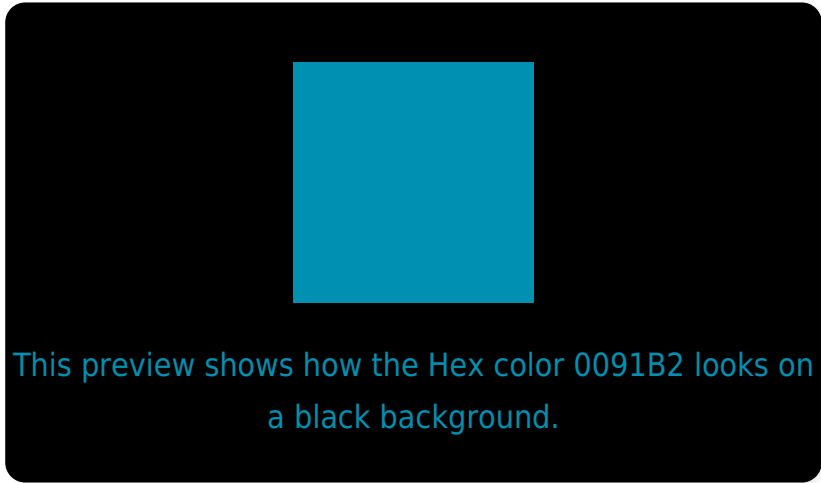
Large Text (above 18pt) WCAG AA ✓ Pass

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

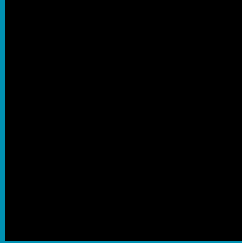
Any Text WCAG AA ✓ Pass

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 0091B2 Background



This preview shows how black text looks on a background with the Hex color 0091B2.

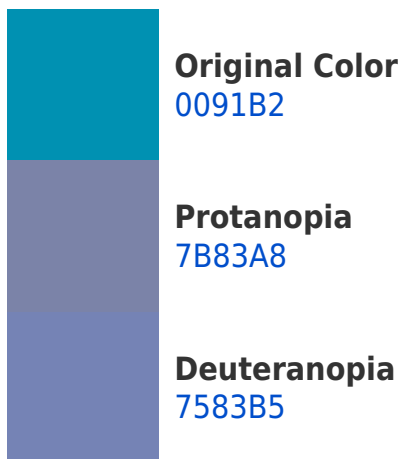


This preview shows how white text looks on a background with the Hex color 0091B2.

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
00939F

Trichromacy



Original Color
0091B2



Protanomaly
4E88AC



Deuteranomaly
4A88B4



Tritanomaly
0092A6

Monochromacy



Original Color
0091B2



Achromatopsia
696969



Achromatomaly
437884

CSS Examples

Text

The CSS property to change the color of the text to Hex 0091B2 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 #0091B2 looks like.

```
.text, #text, p{  
    color:#0091B2  
}
```

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 #0091B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091B2
}
```

Border

The CSS property to change the border of an element to Hex 0091B2 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
#0091B2 }
```

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

```
.border{ border-color:#0091B2 }
```

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

Here you see how a box with a 4 pixel #0091B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091B2; -webkit-box-shadow:4px 4px  
4px 4px #0091B2; box-shadow:4px 4px 4px  
4px #0091B2 }
```

Background

The CSS property to change the background color of an element to Hex 0091B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091B2 }
```

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

```
.background{ background-color:#0091B2 }
```

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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