

Converting Colors

Hex(0091CA)

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

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Color

Hex(0091CA)

Conversions

Conversions Part 1

Format	Color
Hex	0091CA
RGB	0, 145, 202
RGB Percent	0%, 57%, 79%
CMY	1.0000, 0.4314, 0.2078
CMYK	1.00, 0.28, 0.00, 0.21
HSL	197°, 100%, 40%
HSV	197°, 100%, 79%
XYZ	20.7861, 24.5151, 59.5135
YIQ	108.1430, -104.7170, -13.0130

Conversions

Conversions Part 2

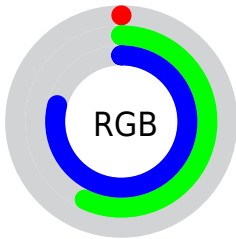
Format	Color
RYB	0, 84, 202
Decimal	37322
CIELab	56.60, -11.69, -38.35
CIELCh	57, 40.094, 253.050
Yxy	24.5151, 0.1983, 0.2339
Android (android.graphics.Color)	4278227402 (0xFF0091CA)
YUV	108.1430, 46.2715, -94.8414
Hunter-Lab	49.5127, -11.7106, -36.6067

Details

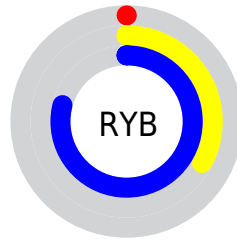
The Hex color **0091CA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CA3900**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **63C7FF**, and **005F94** is the 20% darker color. If you saturate the color by 10%, you get **0091CA**, and if you desaturate by 10%, it is **1497CA**.

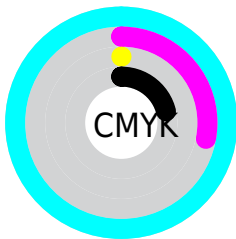
Distribution



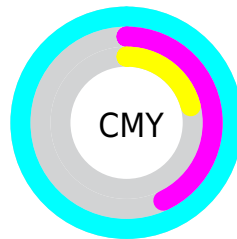
- Red (0%)
- Green (57%)
- Blue (79%)



- Red (0%)
- Yellow (33%)
- Blue (79%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (43%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 0091CA

 0091CA

FFFFFF

 0077AE

 63C7FF

 005F94

 83E3FF

 00477A

 A2FFFF

 003160

 C0FFFF

 001D48

 DFFFFF

 000431

FEFFFF

 00011C

 000000

 0091CA

 1497CA

 289CCA

 3DA2CA

 51A8CA

 65ADCA

 79B3CA

 8DB9CA

 A2BFCA

 B6C4CA

Harmonies

Analogous

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



0098B6



0091CA



6A86CC

Triad

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



0091CA



CA6B7A



689353

Complementary

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



0091CA



CA3900

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.



8E8B42



0091CA



C3725A

Square

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



0091CA



BE6E9D



AE7F44



349872

Rectangle

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



0091CA



8F7DC2



AE7F44



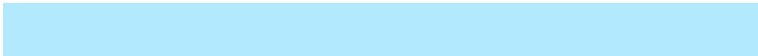
75914B

Sweetspot

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



0091CA



B3E9FF



00CA36



527380



000000



808080

Same Dimension

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



0091CA



00B7FF



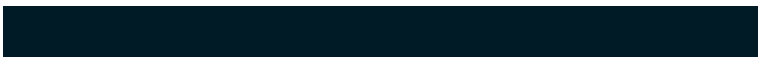
002FCA



5C6366



0077A6



001B26

Inverse Universe

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



CA0091



FF00B7



CA9B00



665C63



A60077



26001B

Previews

White Background



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

Color Contrast Check

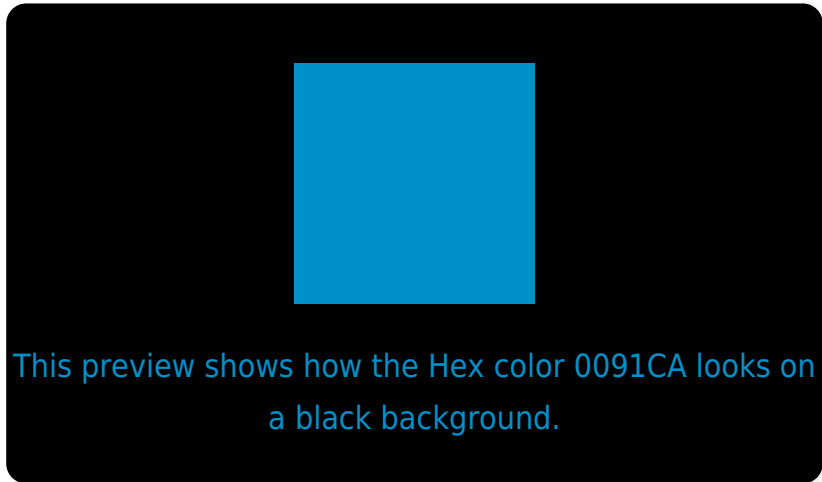
Large Text (above 18pt) WCAG AA ✓ Pass

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 0091CA Background



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



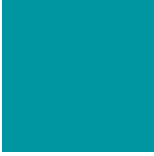
This preview shows how white text looks on a background with the Hex color 0091CA.

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
0096A1

Trichromacy



Original Color
0091CA



Protanomaly
4A89C4



Deuteranomaly
418BCB



Tritanomaly
0094B0

Monochromacy



Original Color
0091CA



Achromatopsia
6C6C6C



Achromatomaly
45798E

CSS Examples

Text

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

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

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 #0091CA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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