

# Converting Colors

Hex(0091BA)

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

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# Color

**Hex(0091BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0091BA
RGB	0, 145, 186
RGB Percent	0%, 57%, 73%
CMY	1.0000, 0.4314, 0.2706
CMYK	1.00, 0.22, 0.00, 0.27
HSL	193°, 100%, 36%
HSV	193°, 100%, 73%
XYZ	18.9883, 23.7960, 50.0467
YIQ	106.3190, -99.5810, -17.9890

# Conversions

## Conversions Part 2

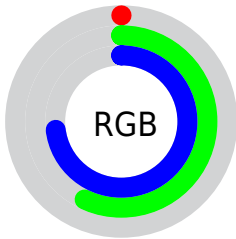
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 186
Decimal	37306
CIELab	55.88, -17.55, -30.41
CIELCh	56, 35.111, 240.017
Yxy	23.7960, 0.2045, 0.2563
Android (android.graphics.Color)	4278227386 (0xFF0091BA)
YUV	106.3190, 39.2827, -93.2418
Hunter-Lab	48.7811, -15.8848, -26.6814

# Details

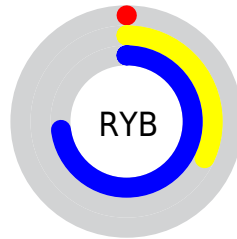
The Hex color **0091BA** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BA2900**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5FC7F2**, and **005E85** is the 20% darker color. If you saturate the color by 10%, you get **0091BA**, and if you desaturate by 10%, it is **1395BA**.

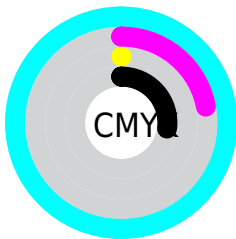
# Distribution



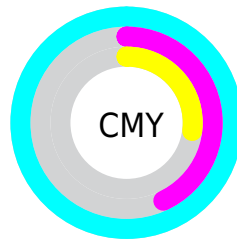
- Red (0%)
- Green (57%)
- Blue (73%)



- Red (0%)
- Yellow (32%)
- Blue (73%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (43%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 0091BA

 0091BA

FFFFFF

 00779F

 5FC7F2

 005E85

 7FE3FF

 00476B

 9DFFFF

 003053

 BBFFFF

 001D3B

 DAFFFF

 000226

 F8FFFF

 00010E

 000000

 0091BA

 1395BA

 2599BA

 389DBA

 4AA1BA

 5DA5BA

 70AABA

 82AEBA

 95B2BA

 A7B6BA

# Harmonies

## Analogous

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



0095A3



0091BA



5789C3

# Triad

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



0091BA



BE6E87



7A8D50

# Complementary

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



0091BA



BA2900

# 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.



998448



0091BA



BF7069

# Square

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



0091BA



AC73A5



B27952



559366

# Rectangle

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



0091BA



7A82BF



B27952



858A4B



# Sweetspot

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



0091BA



AAE2F2



00BA28



4E717A



FAFAFA



7A7A7A



# Same Dimension

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



0091BA



00BDF2



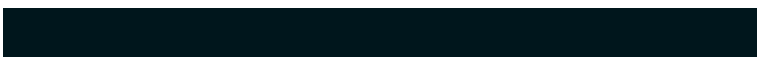
0035BA



535A5C



00799C



00161C



# Inverse Universe

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



BA0091



F200BD



BA8500



5C535A



9C0079



1C0016



# Previews

## White Background



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

## Color Contrast Check

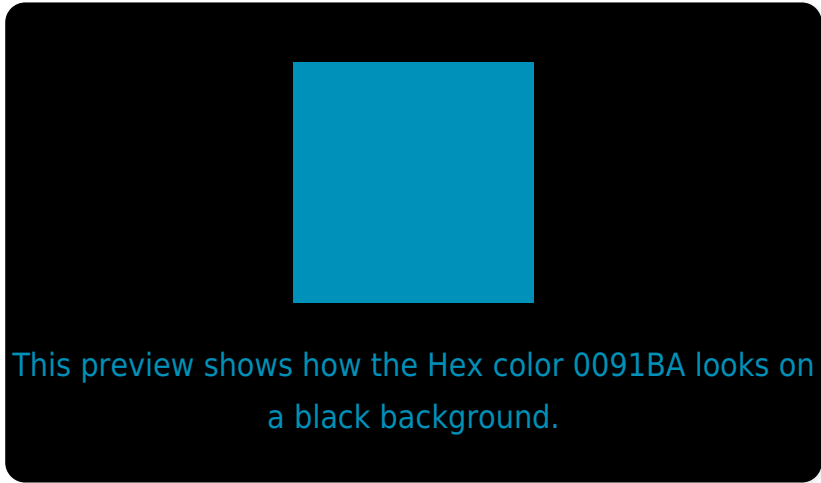
Large Text (above 18pt) WCAG AA ✓ Pass

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

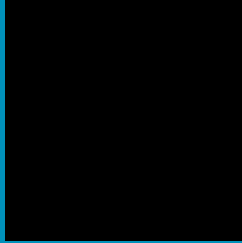
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0091BA Background



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

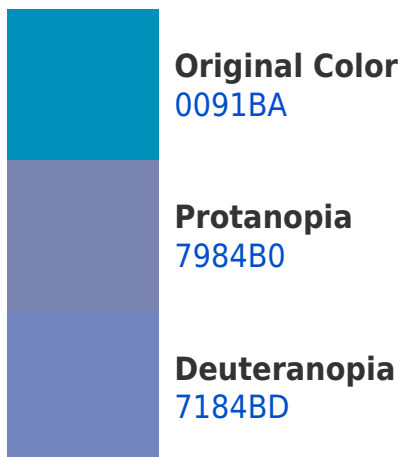


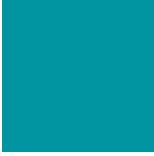
This preview shows how white text looks on a background with the Hex color 0091BA.

# 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**  
0094A0

# Trichromacy



**Original Color**  
0091BA



**Protanomaly**  
4D89B4



**Deuteranomaly**  
4889BC



**Tritanomaly**  
0093A9

# Monochromacy



**Original Color**  
0091BA



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
437887

# CSS Examples

## Text

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

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

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 #0091BA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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