

# Converting Colors

Hex(0099CB)

Have a look what the booklet for  
Hex(0099CB) contains.

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**Color**

**Hex(0099CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0099CB
RGB	0, 153, 203
RGB Percent	0%, 60%, 80%
CMY	1.0000, 0.4000, 0.2039
CMYK	1.00, 0.25, 0.00, 0.20
HSL	195°, 100%, 40%
HSV	195°, 100%, 80%
XYZ	22.1707, 27.0943, 60.5611
YIQ	112.9530, -107.2380, -16.8860

# Conversions

## Conversions Part 2

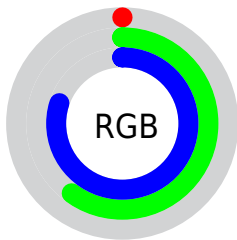
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 87, 203
Decimal	39371
CIELab	59.06, -15.75, -35.06
CIELCh	59, 38.438, 245.805
Yxy	27.0943, 0.2019, 0.2467
Android (android.graphics.Color)	4278229451 (0xFF0099CB)
YUV	112.9530, 44.3932, -99.0598
Hunter-Lab	52.0521, -15.0622, -32.5456

# Details

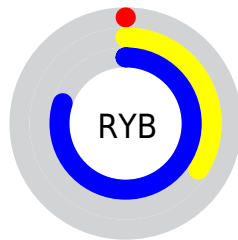
The Hex color **0099CB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CB3200**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **64CFFF**, and **006695** is the 20% darker color. If you saturate the color by 10%, you get **0099CB**, and if you desaturate by 10%, it is **149ECB**.

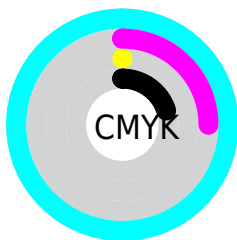
# Distribution



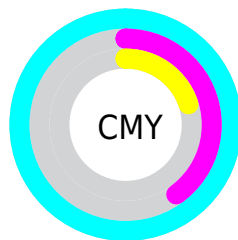
- Red (0%)
- Green (60%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (40%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0099CB 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 0099CB by changing the saturation by 10% instead.



 0099CB

 0099CB

FFFFFF

 007FAF

 64CFFF

 006695

 84ECFF

 004E7B

 A3FFFF

 003761

 C1FFFF

 002249

 E0FFFF

 000433

 00021D

 000000

 0099CB

 149ECB

 29A3CB

 3DA8CB

 51ADCB

 66B2CB

 7AB7CB

 8EBCCB

 A2C1CB

 B7C6CB

# Harmonies

## Analogous

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



009EB5



0099CB



648FD1

# Triad

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



0099CB



CE7389



799856

# Complementary

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



0099CB



CB3200

# 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.



9D8E4A



0099CB



CB7868

# Square

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



0099CB



BE77AA



BA8351



4E9E71

# Rectangle

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



0099CB



8A87CB



BA8351



869550

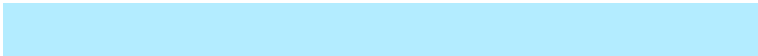


# Sweetspot

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



0099CB



B3ECFF



00CB2F



527480



000000



808080



# Same Dimension

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



0099CB



00C0FF



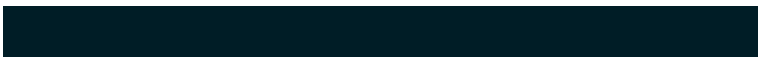
0036CB



5C6366



007DA6



001D26



# Inverse Universe

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



CB0099



FF00C0



CB9500



665C63



A6007D



26001D



# Previews

## White Background



This preview shows how the Hex color 0099CB 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 0099CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

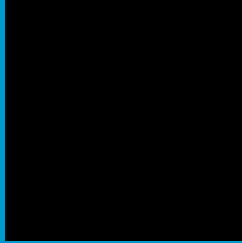
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0099CB Background



This preview shows how black text looks on a background with the Hex color 0099CB.



This preview shows how white text looks on a background with the Hex color 0099CB.

# 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**  
0099CB

**Protanomaly**  
5090C4

**Deuteranomaly**  
4991CD

# Monochromacy



**Original Color**  
0099CB

**Achromatopsia**  
717171

**Achromatomaly**  
488092

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0099CB 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 #0099CB looks like.

```
.text, #text, p{  
    color:#0099CB  
}
```

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 #0099CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099CB
}
```

## Border

The CSS property to change the border of an element to Hex 0099CB 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
#0099CB }
```

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

```
.border{ border-color:#0099CB }
```

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

Here you see how a box with a 4 pixel #0099CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099CB; -webkit-box-shadow:4px 4px  
4px 4px #0099CB; box-shadow:4px 4px 4px  
4px #0099CB }
```

# Background

The CSS property to change the background color of an element to Hex 0099CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099CB }
```

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

```
.background{ background-color:#0099CB }
```

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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