

Converting Colors

Hex(0090CB)

Have a look what the booklet for
Hex(0090CB) contains.

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Color

Hex(0090CB)

Conversions

Conversions Part 1

Format	Color
Hex	0090CB
RGB	0, 144, 203
RGB Percent	0%, 56%, 80%
CMY	1.0000, 0.4353, 0.2039
CMYK	1.00, 0.29, 0.00, 0.20
HSL	197°, 100%, 40%
HSV	197°, 100%, 80%
XYZ	20.7528, 24.2583, 60.0884
YIQ	107.6700, -104.7630, -12.1790

Conversions

Conversions Part 2

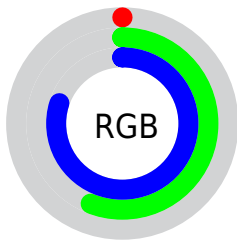
Format	Color
RYB	0, 84, 203
Decimal	37067
CIELab	56.35, -10.75, -39.32
CIELCh	56, 40.760, 254.702
Yxy	24.2583, 0.1975, 0.2308
Android (android.graphics.Color)	4278227147 (0xFF0090CB)
YUV	107.6700, 46.9977, -94.4266
Hunter-Lab	49.2527, -10.9809, -37.8570

Details

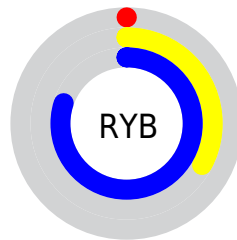
The Hex color **0090CB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CB3B00**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **63C6FF**, and **005E95** is the 20% darker color. If you saturate the color by 10%, you get **0090CB**, and if you desaturate by 10%, it is **1496CB**.

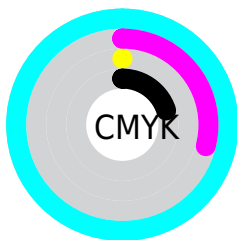
Distribution



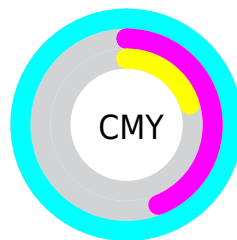
- Red (0%)
- Green (56%)
- Blue (80%)



- Red (0%)
- Yellow (33%)
- Blue (80%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)




- Cyan (100%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090CB 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 0090CB by changing the saturation by 10% instead.

 0090CB

 0090CB

FFFFFF

 0076AF

 63C6FF

 005E95

 83E2FF

 00467A

 A2FEFF

 003061

 C0FFFF

 001C49

 DFFFFFF

 000432

FEFFFF

 00021C

 000000

 0090CB

 1496CB

 299CCB

 3DA2CB

 51A8CB

 66AECB

 7AB3CB

 8EB9CB

 A2BFCB

 B7C5CB

Harmonies

Analogous

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



0097B8



0090CB



6C85CC

Triad

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



0090CB



CA6A77



649353

Complementary

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



0090CB



CB3B00

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.



8C8B40



0090CB



C27257

Square

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



0090CB



C06C9B



AC7F42



2C9873

Rectangle

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



0090CB



917CC2



AC7F42



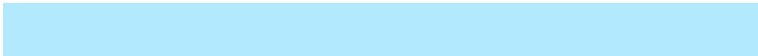
72914B

Sweetspot

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



0090CB



B3E9FF



00CB3A



527280



000000



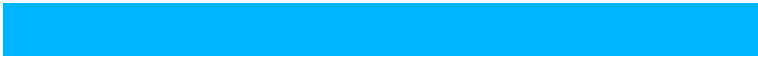
808080

Same Dimension

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



0090CB



00B5FF



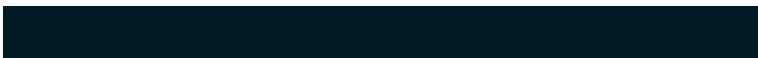
002CCB



5C6366



0076A6



001B26

Inverse Universe

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



CB0090



FF00B5



CB9F00



665C63



A60076



26001B

Previews

White Background



This preview shows how the Hex color 0090CB looks on a white background.

Color Contrast Check

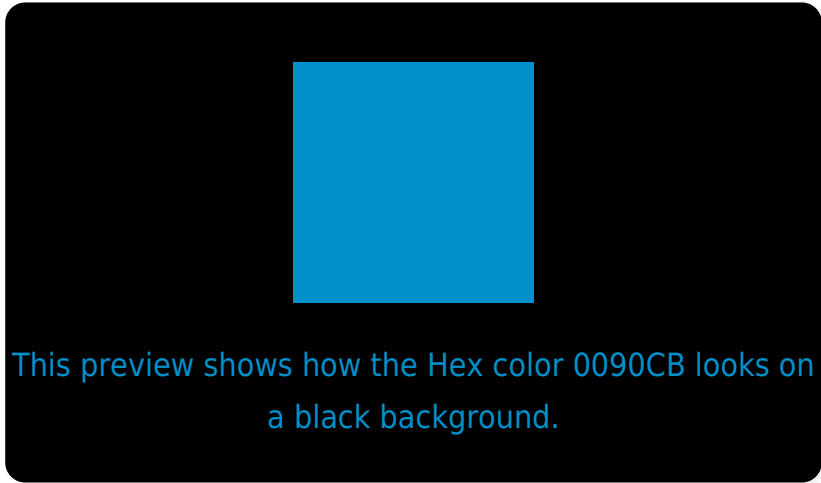
Large Text (above 18pt) WCAG AA ✓ Pass

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 0090CB Background



This preview shows how black text looks on a background with the Hex color 0090CB.



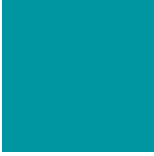
This preview shows how white text looks on a background with the Hex color 0090CB.

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](#).

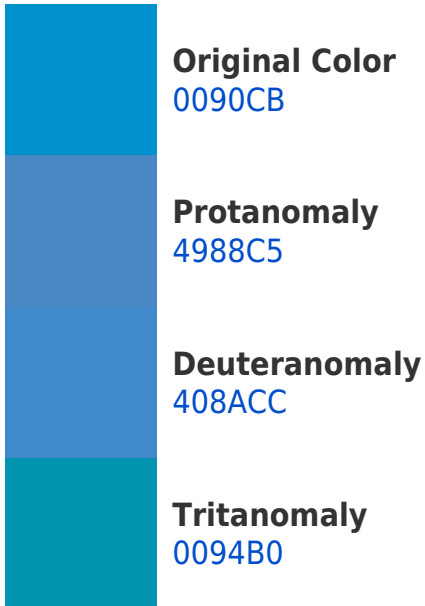
Dichromacy





Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0090CB 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 #0090CB looks like.

```
.text, #text, p{  
    color:#0090CB  
}
```

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 #0090CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090CB
}
```

Border

The CSS property to change the border of an element to Hex 0090CB 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
#0090CB }
```

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

```
.border{ border-color:#0090CB }
```

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

Here you see how a box with a 4 pixel #0090CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090CB; -webkit-box-shadow:4px 4px  
4px 4px #0090CB; box-shadow:4px 4px 4px  
4px #0090CB }
```

Background

The CSS property to change the background color of an element to Hex 0090CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090CB }
```

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

```
.background{ background-color:#0090CB }
```

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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