

Converting Colors

Hex(0093CD)

Have a look what the booklet for
Hex(0093CD) contains.

Hex(0093CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0093CD)

Conversions

Conversions Part 1

Format	Color
Hex	0093CD
RGB	0, 147, 205
RGB Percent	0%, 58%, 80%
CMY	1.0000, 0.4235, 0.1961
CMYK	1.00, 0.28, 0.00, 0.20
HSL	197°, 100%, 40%
HSV	197°, 100%, 80%
XYZ	21.4532, 25.2752, 61.5055
YIQ	109.6590, -106.2300, -13.1260

Conversions

Conversions Part 2

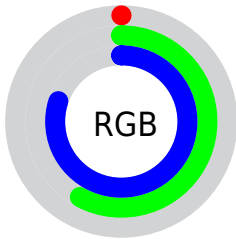
Format	Color
R _{YB}	0, 86, 205
Decimal	37837
CIE _{Lab}	57.34, -11.70, -38.88
CIE _{LCh}	57, 40.599, 253.248
Yxy	25.2752, 0.1982, 0.2335
Android (android.graphics.Color)	4278227917 (0xFF0093CD)
YUV	109.6590, 47.0031, -96.1709
Hunter-Lab	50.2745, -11.8106, -37.3429

Details

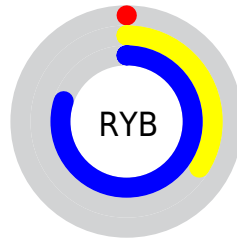
The Hex color **0093CD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CD3A00**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **64C9FF**, and **006196** is the 20% darker color. If you saturate the color by 10%, you get **0093CD**, and if you desaturate by 10%, it is **1499CD**.

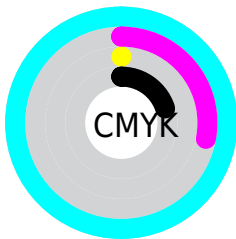
Distribution



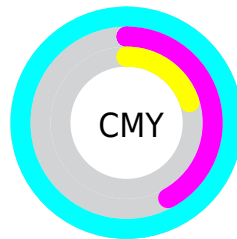
- Red (0%)
- Green (58%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0093CD 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 0093CD by changing the saturation by 10% instead.

 0093CD

 0093CD

FFFFFF

 0079B1

 64C9FF

 006196

 84E5FF

 00497C

 A3FFFF

 003363

 C1FFFF

 001E4B

 E0FFFF

 000434

 00021E

 000000

 0093CD

 1499CD

 299FCD

 3EA4CD

 52AACD

 67B0CD

 7BB6CD

 90BCCD

 A4C1CD

 B9C7CD

Harmonies

Analogous

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



009AB9



0093CD



6C88CF

Triad

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



0093CD



CD6D7B



699554

Complementary

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



0093CD



CD3A00

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.



908D42



0093CD



C6745B

Square

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



0093CD



C16F9F



B08145



349B74

Rectangle

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



0093CD



927FC5



B08145



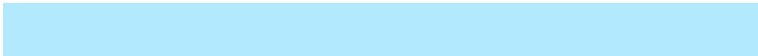
77934C

Sweetspot

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



0093CD



B3E9FF



00CD37



527380



000000



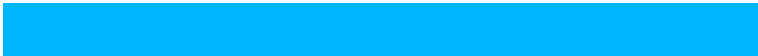
808080

Same Dimension

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



0093CD



00B7FF



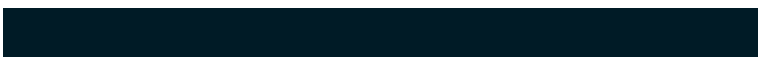
0030CD



5C6366



0077A6



001B26

Inverse Universe

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



CD0093



FF00B7



CD9D00



665C63



A60077



26001B

Previews

White Background



This preview shows how the Hex color 0093CD looks on a white background.

Color Contrast Check

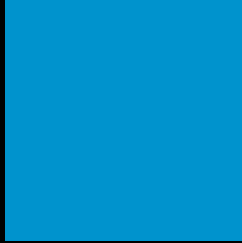
Large Text (above 18pt) WCAG AA ✓ Pass

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 0093CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

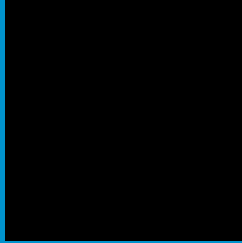
Any Text WCAG AA ✓ Pass

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 0093CD Background



This preview shows how black text looks on a background with the Hex color 0093CD.



This preview shows how white text looks on a background with the Hex color 0093CD.

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](#).

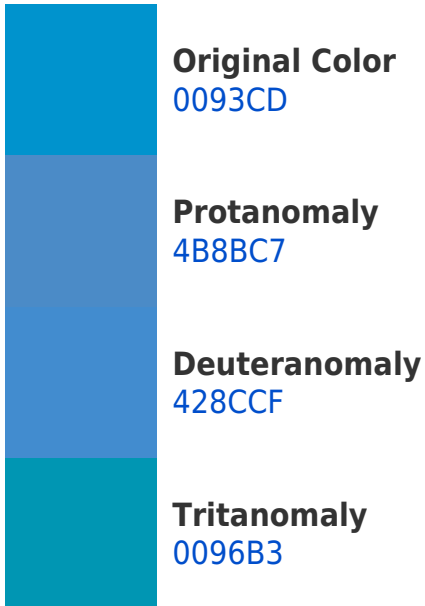
Dichromacy





Tritanopia
0098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0093CD 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 #0093CD looks like.

```
.text, #text, p{  
    color:#0093CD  
}
```

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 #0093CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093CD
}
```

Border

The CSS property to change the border of an element to Hex 0093CD 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
#0093CD }
```

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

```
.border{ border-color:#0093CD }
```

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

Here you see how a box with a 4 pixel #0093CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093CD; -webkit-box-shadow:4px 4px  
4px 4px #0093CD; box-shadow:4px 4px 4px  
4px #0093CD }
```

Background

The CSS property to change the background color of an element to Hex 0093CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093CD }
```

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

```
.background{ background-color:#0093CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor