

Converting Colors

Hex(0093CC)

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

Hex(0093CC)	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(0093CC)

Conversions

Conversions Part 1

Format	Color
Hex	0093CC
RGB	0, 147, 204
RGB Percent	0%, 58%, 80%
CMY	1.0000, 0.4235, 0.2000
CMYK	1.00, 0.28, 0.00, 0.20
HSL	197°, 100%, 40%
HSV	197°, 100%, 80%
XYZ	21.3328, 25.2271, 60.8717
YIQ	109.5450, -105.9090, -13.4370

Conversions

Conversions Part 2

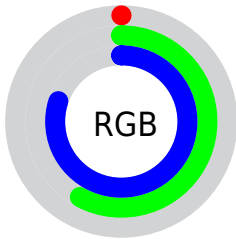
Format	Color
R _{YB}	0, 85, 204
Decimal	37836
CIE _{Lab}	57.30, -12.07, -38.39
CIE _{LCh}	57, 40.240, 252.543
Yxy	25.2271, 0.1986, 0.2348
Android (android.graphics.Color)	4278227916 (0xFF0093CC)
YUV	109.5450, 46.5663, -96.0710
Hunter-Lab	50.2266, -12.0819, -36.6975

Details

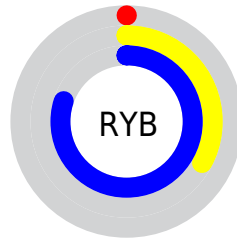
The Hex color **0093CC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CC3900**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **63C9FF**, and **006195** is the 20% darker color. If you saturate the color by 10%, you get **0093CC**, and if you desaturate by 10%, it is **1499CC**.

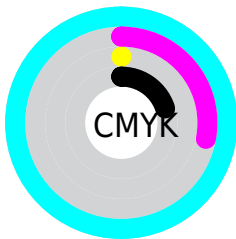
Distribution



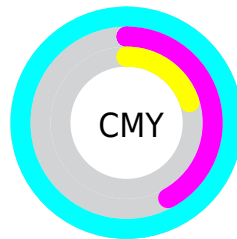
- Red (0%)
- Green (58%)
- Blue (80%)



- Red (0%)
- Yellow (33%)
- 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 0093CC 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 0093CC by changing the saturation by 10% instead.

 0093CC

 0093CC

FFFFFF

 0079B0

 63C9FF

 006195

 83E5FF

 00497B

 A2FFFF

 003362

 C1FFFF

 001E4A

 E0FFFF

 000433

 00021D

 000000

 0093CC

 1499CC

 299ECC

 3DA4CC

 52AACC

 66B0CC

 7AB5CC

 8FBBCC

 A3C1CC

 B8C6CC

Harmonies

Analogous

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



0099B8



0093CC



6B88CE

Triad

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



0093CC



CC6D7C



6A9554

Complementary

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



0093CC



CC3900

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.



918C43



0093CC



C6745C

Square

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



0093CC



C0709F



B08046



379A73

Rectangle

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



0093CC



907FC5



B08046



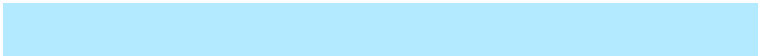
78934C

Sweetspot

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



0093CC



B3EAFF



00CC36



527380



000000



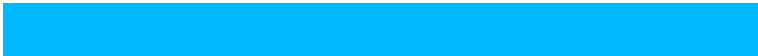
808080

Same Dimension

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



0093CC



00B8FF



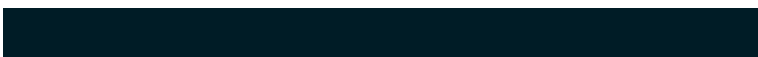
0030CC



5C6366



0077A6



001C26

Inverse Universe

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



CC0093



FF00B8



CC9C00



665C63



A60077



26001C

Previews

White Background



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

Color Contrast Check

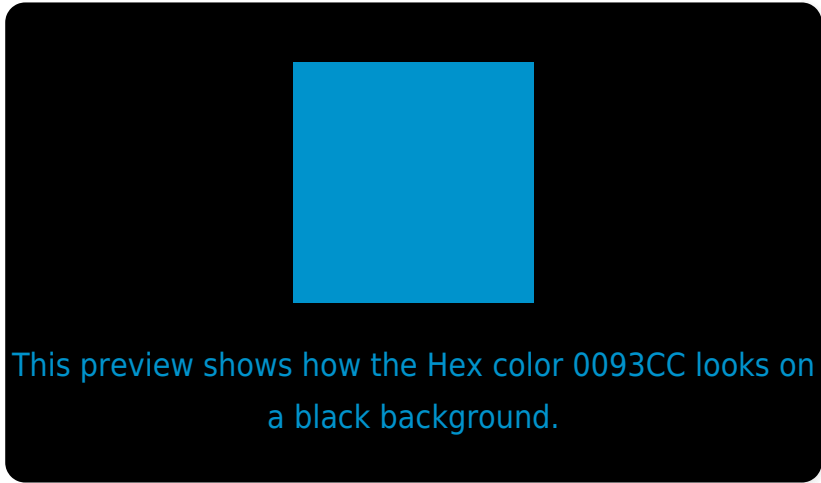
Large Text (above 18pt) WCAG AA ✓ Pass

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 0093CC Background



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



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

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



Original Color
0093CC



Protanomaly
4B8BC6



Deuteranomaly
428CCE



Tritanomaly
0096B3

Monochromacy



Original Color
0093CC



Achromatopsia
6E6E6E



Achromatomaly
467B90

CSS Examples

Text

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

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

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 #0093CC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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