

Converting Colors

Hex(0093BF)

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

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Color

Hex(0093BF)

Conversions

Conversions Part 1

Format	Color
Hex	0093BF
RGB	0, 147, 191
RGB Percent	0%, 58%, 75%
CMY	1.0000, 0.4235, 0.2510
CMYK	1.00, 0.23, 0.00, 0.25
HSL	194°, 100%, 37%
HSV	194°, 100%, 75%
XYZ	19.8377, 24.6290, 52.9985
YIQ	108.0630, -101.7360, -17.4800

Conversions

Conversions Part 2

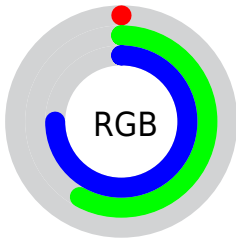
Format	Color
RYB	0, 83, 191
Decimal	37823
CIELab	56.71, -16.83, -31.96
CIELCh	57, 36.118, 242.234
Yxy	24.6290, 0.2035, 0.2527
Android (android.graphics.Color)	4278227903 (0xFF0093BF)
YUV	108.0630, 40.8879, -94.7713
Hunter-Lab	49.6276, -15.4964, -28.5779

Details

The Hex color **0093BF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF2C00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **61C9F8**, and **006089** is the 20% darker color. If you saturate the color by 10%, you get **0093BF**, and if you desaturate by 10%, it is **1397BF**.

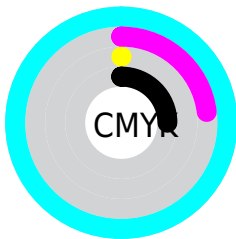
Distribution



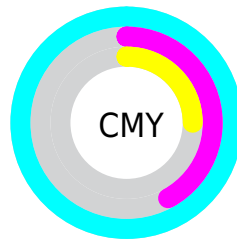
- Red (0%)
- Green (58%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)




- Cyan (100%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 0093BF

 0093BF

FFFFFF

 0079A4

 61C9F8

 006089

 80E5FF

 004970

 9FFFFFFF

 003257

 BDFFFF

 001E3F

 DBFFFF

 000329

 FAFFFF

 000113

 000000

 0093BF

 1397BF

 269CBF

 39A0BF

 4CA5BF

 60A9BF

 73ADBf

 86B2BF

 99B6BF

 ACBBBF

Harmonies

Analogous

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



0098A9



0093BF



5B8AC7

Triad

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



0093BF



C36F87



799051

Complementary

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



0093BF



BF2C00

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.



9A8748



0093BF



C37268

Square

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



0093BF



B174A6



B37C51



52966A

Rectangle

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



0093BF



7F83C2



B37C51



848D4C

Sweetspot

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



0093BF



ADE6F7



00BF29



50737D



FCFCFC



7D7D7D

Same Dimension

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



0093BF



00BEF7



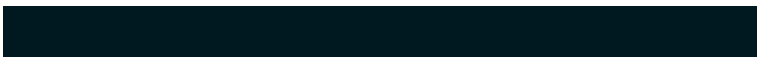
0036BF



555C5E



007A9E



00181F

Inverse Universe

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



BF0093



F700BE



BF8900



5E555C



9E007A



1F0018

Previews

White Background



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

Color Contrast Check

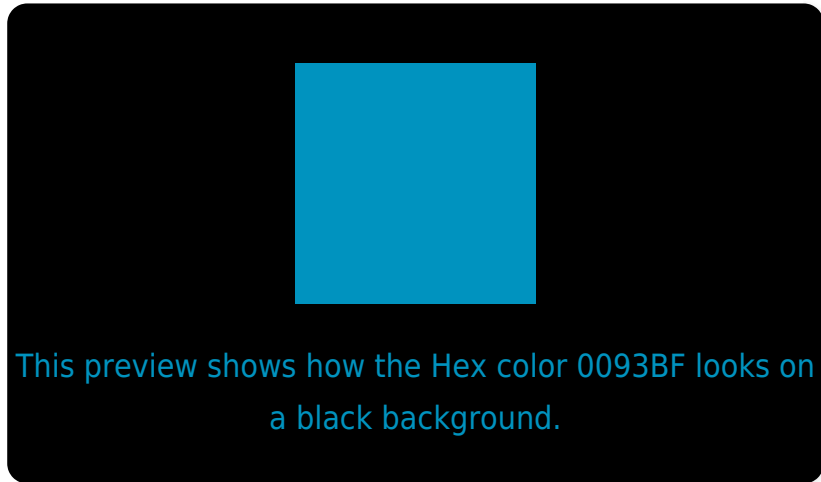
Large Text (above 18pt) WCAG AA ✓ Pass

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 0093BF Background



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



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

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
0097A2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0093BF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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