

Converting Colors

Hex(0095CE)

Have a look what the booklet for
Hex(0095CE) contains.

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Color

Hex(0095CE)

Conversions

Conversions Part 1

Format	Color
Hex	0095CE
RGB	0, 149, 206
RGB Percent	0%, 58%, 81%
CMY	1.0000, 0.4157, 0.1922
CMYK	1.00, 0.28, 0.00, 0.19
HSL	197°, 100%, 40%
HSV	197°, 100%, 81%
XYZ	21.8880, 25.9511, 62.2480
YIQ	110.9470, -107.1010, -13.8610

Conversions

Conversions Part 2

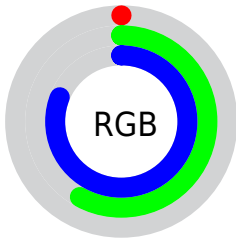
Format	Color
RYB	0, 86, 206
Decimal	38350
CIELab	57.99, -12.45, -38.42
CIELCh	58, 40.388, 252.043
Yxy	25.9511, 0.1988, 0.2357
Android (android.graphics.Color)	4278228430 (0xFF0095CE)
YUV	110.9470, 46.8611, -97.3005
Hunter-Lab	50.9422, -12.4540, -36.7888

Details

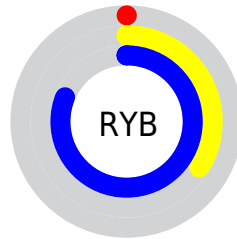
The Hex color **0095CE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CE3900**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **64CBFF**, and **006297** is the 20% darker color. If you saturate the color by 10%, you get **0095CE**, and if you desaturate by 10%, it is **159BCE**.

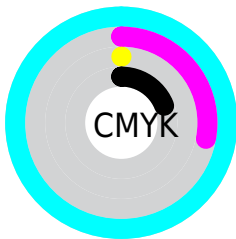
Distribution



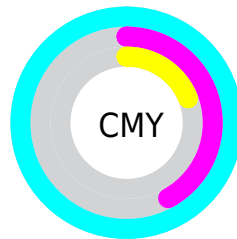
- Red (0%)
- Green (58%)
- Blue (81%)



- Red (0%)
- Yellow (34%)
- Blue (81%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)




- Cyan (100%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0095CE 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 0095CE by changing the saturation by 10% instead.

 0095CE

 0095CE

FFFFFF

 007BB2

 64CBFF

 006297

 84E7FF

 004B7D

 A3FFFF

 003464

 C2FFFF

 00204C

 E1FFFF

 000535

 00021F

 000001

 000000

 0095CE

 159BCE

 29A0CE

 3EA6CE

 52ACCE

 67B2CE

 7CB7CE

 90BDCE

 A5C3CE

 B9C8CE

Harmonies

Analogous

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



009BBA



0095CE



6C8AD0

Triad

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



0095CE



CF6E7E



6C9755

Complementary

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



0095CE



CE3900

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.



938E44



0095CE



C8765E

Square

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



0095CE



C271A2



B38248



399C74

Rectangle

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



0095CE



9181C7



B38248



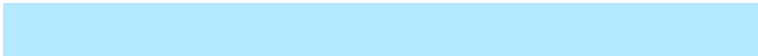
7A944D

Sweetspot

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



0095CE



B3EAFF



00CE37



527380



000000



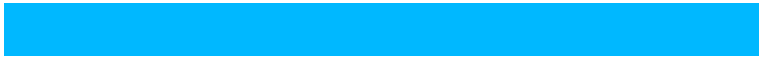
808080

Same Dimension

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



0095CE



00B8FF



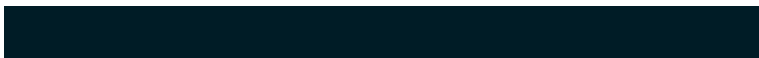
0030CE



5C6366



0078A6



001C26

Inverse Universe

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



CE0095



FF00B8



CE9E00



665C63



A60078



26001C

Previews

White Background



This preview shows how the Hex color 0095CE looks on a white background.

Color Contrast Check

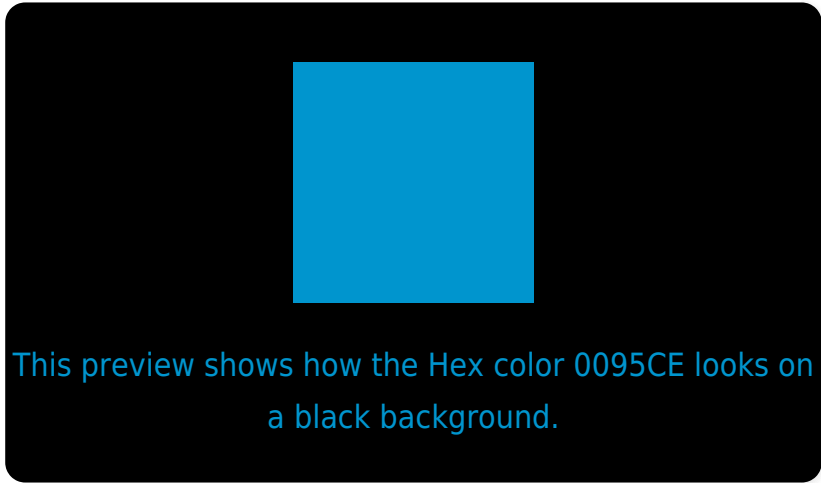
Large Text (above 18pt) WCAG AA ✓ Pass

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

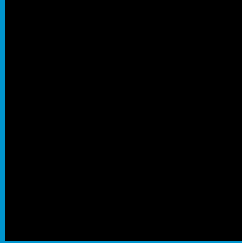
Any Text WCAG AA ✓ Pass

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 0095CE Background



This preview shows how black text looks on a background with the Hex color 0095CE.

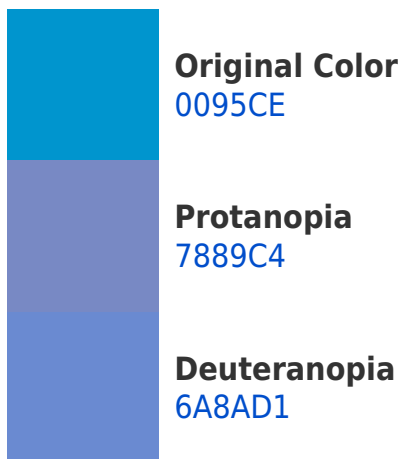


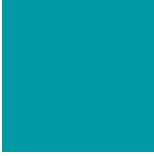
This preview shows how white text looks on a background with the Hex color 0095CE.

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
009AA6

Trichromacy



Original Color
0095CE

Protanomaly
4C8DC8

Deuteranomaly
438ED0

Tritanomaly
0098B5

Monochromacy



Original Color
0095CE

Achromatopsia
6F6F6F

Achromatomaly
477D92

CSS Examples

Text

The CSS property to change the color of the text to Hex 0095CE 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 #0095CE looks like.

```
.text, #text, p{  
    color:#0095CE  
}
```

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 #0095CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095CE
}
```

Border

The CSS property to change the border of an element to Hex 0095CE 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
#0095CE }
```

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

```
.border{ border-color:#0095CE }
```

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

Here you see how a box with a 4 pixel #0095CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095CE; -webkit-box-shadow:4px 4px  
4px 4px #0095CE; box-shadow:4px 4px 4px  
4px #0095CE }
```

Background

The CSS property to change the background color of an element to Hex 0095CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095CE }
```

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

```
.background{ background-color:#0095CE }
```

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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