

Converting Colors

Hex(0096CA)

Have a look what the booklet for
Hex(0096CA) contains.

Hex(0096CA)	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(0096CA)

Conversions

Conversions Part 1

Format	Color
Hex	0096CA
RGB	0, 150, 202
RGB Percent	0%, 59%, 79%
CMY	1.0000, 0.4118, 0.2078
CMYK	1.00, 0.26, 0.00, 0.21
HSL	195°, 100%, 40%
HSV	195°, 100%, 79%
XYZ	21.5670, 26.0770, 59.7738
YIQ	111.0780, -106.0920, -15.6280

Conversions

Conversions Part 2

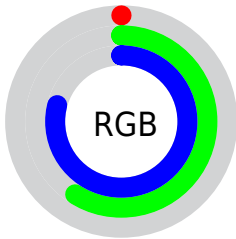
Format	Color
R _{YB}	0, 86, 202
Decimal	38602
CIE _{Lab}	58.11, -14.47, -35.99
CIE _{LCh}	58, 38.787, 248.092
Y _{xy}	26.0770, 0.2008, 0.2428
Android (android.graphics.Color)	4278228682 (0xFF0096CA)
YUV	111.0780, 44.8245, -97.4154
Hunter-Lab	51.0656, -13.9772, -33.6547

Details

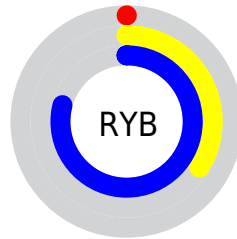
The Hex color **0096CA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CA3400**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **63CCFF**, and **006394** is the 20% darker color. If you saturate the color by 10%, you get **0096CA**, and if you desaturate by 10%, it is **149BCA**.

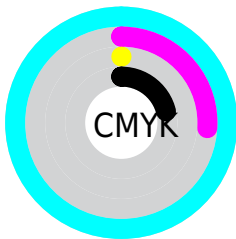
Distribution



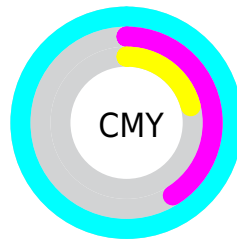
- Red (0%)
- Green (59%)
- Blue (79%)



- Red (0%)
- Yellow (34%)
- Blue (79%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0096CA 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 0096CA by changing the saturation by 10% instead.

 0096CA

 0096CA

FFFFFF

 007CAE

 63CCFF

 006394

 83E8FF

 004B7A

 A2FFFF

 003561

 C1FFFF

 002048

 DFFFFFF

 000432

FEFFFF

 00011C

 000000

 0096CA

 149BCA

 28A0CA

 3DA6CA

 51ABCA

 65B0CA

 79B5CA

 8DBACA

 A2C0CA

 B6C5CA

Harmonies

Analogous

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



009CB5



0096CA



668CCF

Triad

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



0096CA



CC7084



739655

Complementary

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



0096CA



CA3400

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.



988D47



0096CA



C87663

Square

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



0096CA



BD74A6



B5814D



469B71

Rectangle

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



0096CA



8B84C8



B5814D



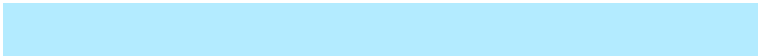
80934E

Sweetspot

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



0096CA



B3EBFF



00CA33



527480



000000



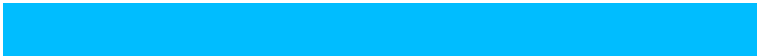
808080

Same Dimension

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



0096CA



00BDFF



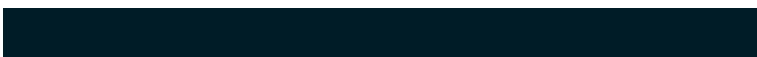
0033CA



5C6366



007BA6



001C26

Inverse Universe

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



CA0096



FF00BD



CA9800



665C63



A6007B



26001C

Previews

White Background



This preview shows how the Hex color 0096CA looks on a white background.

Color Contrast Check

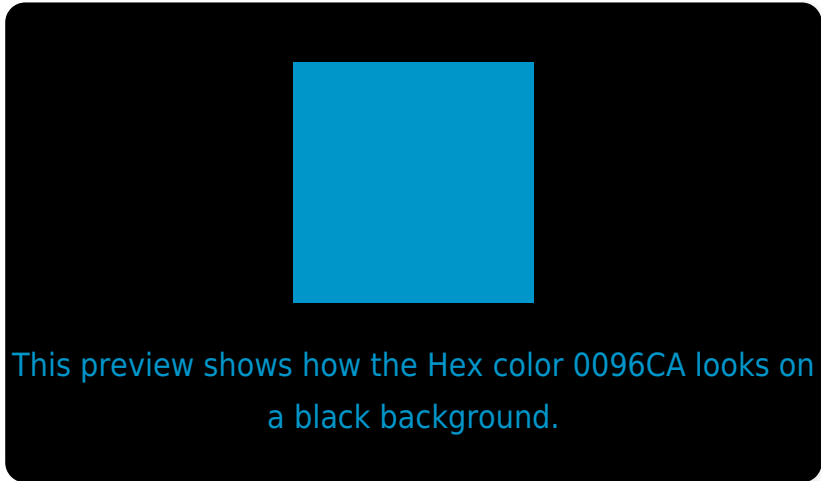
Large Text (above 18pt) WCAG AA ✓ Pass

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

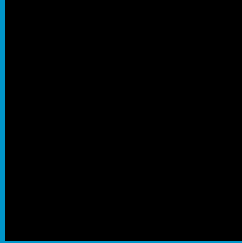
Any Text WCAG AA ✓ Pass

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 0096CA Background



This preview shows how black text looks on a background with the Hex color 0096CA.

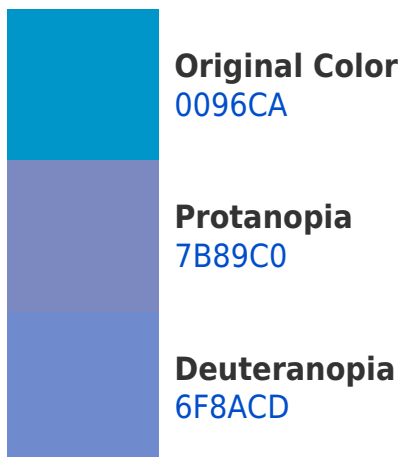


This preview shows how white text looks on a background with the Hex color 0096CA.

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](#).

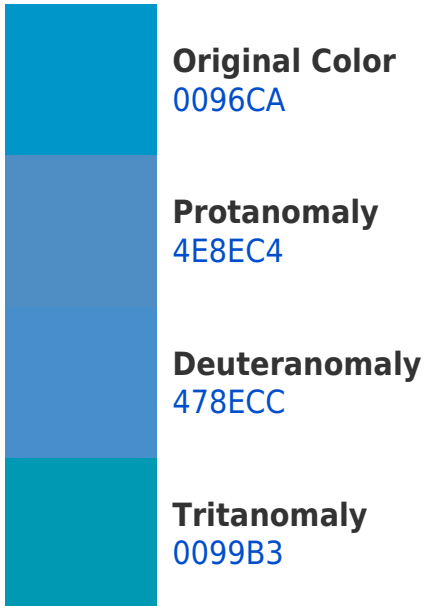
Dichromacy





Tritanopia
009BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0096CA 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 #0096CA looks like.

```
.text, #text, p{  
    color:#0096CA  
}
```

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 #0096CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0096CA
}
```

Border

The CSS property to change the border of an element to Hex 0096CA 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
#0096CA }
```

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

```
.border{ border-color:#0096CA }
```

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

Here you see how a box with a 4 pixel #0096CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0096CA; -webkit-box-shadow:4px 4px  
4px 4px #0096CA; box-shadow:4px 4px 4px  
4px #0096CA }
```

Background

The CSS property to change the background color of an element to Hex 0096CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0096CA }
```

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

```
.background{ background-color:#0096CA }
```

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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