

# Converting Colors

Hex(0A96CF)

Have a look what the booklet for  
Hex(0A96CF) contains.

<b>Hex(0A96CF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0A96CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	0A96CF
RGB	10, 150, 207
RGB Percent	4%, 59%, 81%
CMY	0.9608, 0.4118, 0.1882
CMYK	0.95, 0.28, 0.00, 0.19
HSL	197°, 91%, 43%
HSV	197°, 95%, 81%
XYZ	22.2940, 26.3822, 62.9487
YIQ	114.6380, -101.7370, -11.9530

# Conversions

## Conversions Part 2

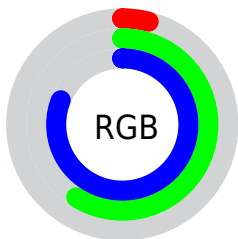
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 92, 207
Decimal	693967
CIELab	58.40, -12.32, -38.34
CIELCh	58, 40.272, 252.179
Yxy	26.3822, 0.1997, 0.2363
Android (android.graphics.Color)	4278884047 (0xFF0A96CF)
YUV	114.6380, 45.5345, -91.7675
Hunter-Lab	51.3636, -12.4097, -36.7084

# Details

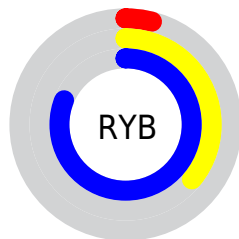
The Hex color **0A96CF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CF430A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **66CCFF**, and **006398** is the 20% darker color. If you saturate the color by 10%, you get **0093CF**, and if you desaturate by 10%, it is **1F9CCF**.

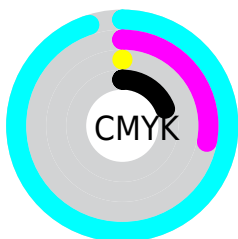
# Distribution



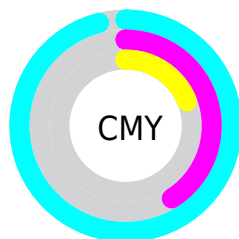
- Red (4%)
- Green (59%)
- Blue (81%)



- Red (4%)
- Yellow (36%)
- Blue (81%)



- Cyan (95%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (96%)
- Magenta (41%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A96CF 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 0A96CF by changing the saturation by 10% instead.



 0A96CF

 0A96CF

FFFFFF

 007CB3

 66CCFF

 006398

 86E8FF

 004C7E

 A5FFFF


 003565

 C4FFFF

 00204C

 E2FFFF

 000536

 00021F

 000003

 000000

■ 0A96CF

■ 0A96CF

■ 0093CF

■ 1F9CCF

■ 33A2CF

■ 48A8CF

■ 5DAECF

■ 72B4CF

■ 86BACF

■ 9BC0CF

■ B0C6CF

■ C4CCCF

# Harmonies

## Analogous

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



009CBB



0A96CF



6D8BD1

# Triad

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



0A96CF



D0707F



6D9856

# Complementary

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



0A96CF



CF430A

# 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.



948F45



0A96CF



C9775F

# Square

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



0A96CF



C372A3



B48349



3B9D76

# Rectangle

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



0A96CF



9382C8



B48349



7B954F



# Sweetspot

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



0A96CF



B5EAFF



0ACF42



537380



000000



808080

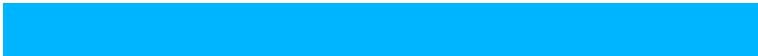


# Same Dimension

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



0A96CF



00B5FF



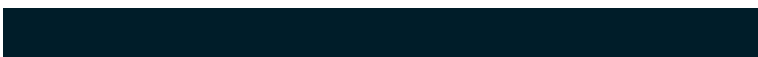
0A35CF



5E6669



0078A8



001D29



# Inverse Universe

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



CF0A96



FF00B5



CFA40A



695E66



A80078



29001D



# Previews

## White Background



This preview shows how the Hex color 0A96CF looks on a white background.

## Color Contrast Check

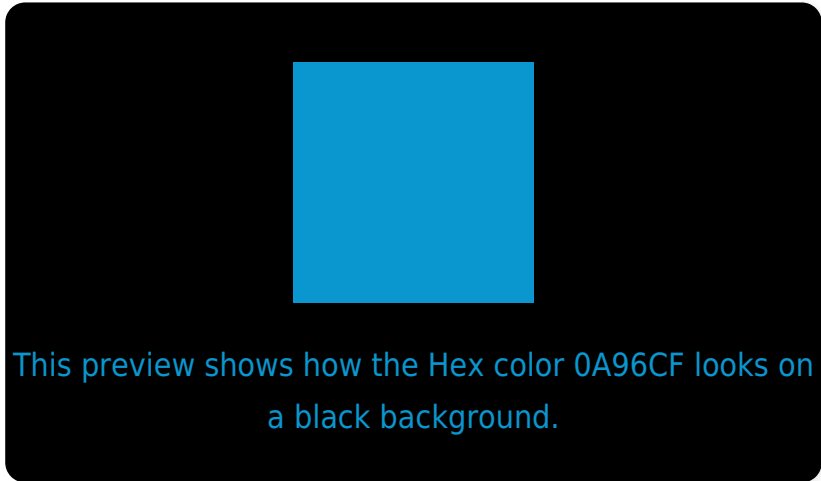
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A96CF Background



This preview shows how black text looks on a background with the Hex color 0A96CF.

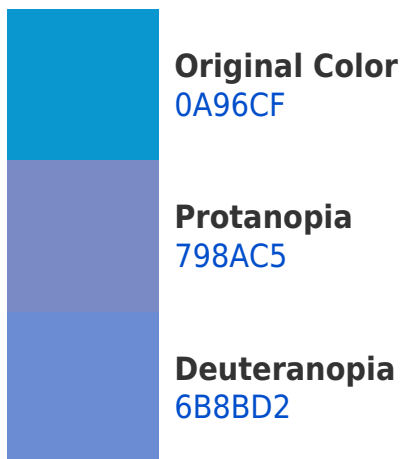


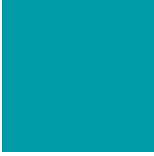
This preview shows how white text looks on a background with the Hex color 0A96CF.

# 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**  
009BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A96CF 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 #0A96CF looks like.

```
.text, #text, p{  
    color:#0A96CF  
}
```

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 #0A96CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A96CF
}
```

## Border

The CSS property to change the border of an element to Hex 0A96CF 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
#0A96CF }
```

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

```
.border{ border-color:#0A96CF }
```

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

Here you see how a box with a 4 pixel #0A96CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A96CF; -webkit-box-shadow:4px 4px  
4px 4px #0A96CF; box-shadow:4px 4px 4px  
4px #0A96CF }
```

# Background

The CSS property to change the background color of an element to Hex 0A96CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A96CF }
```

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

```
.background{ background-color:#0A96CF }
```

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