

# Converting Colors

Hex(0C96C5)

Have a look what the booklet for  
Hex(0C96C5) contains.

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# Color

Hex(0C96C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C96C5
RGB	12, 150, 197
RGB Percent	5%, 59%, 77%
CMY	0.9529, 0.4118, 0.2275
CMYK	0.94, 0.24, 0.00, 0.23
HSL	195°, 89%, 41%
HSV	195°, 94%, 77%
XYZ	21.1360, 25.9221, 56.7128
YIQ	114.0960, -97.3350, -14.6390

# Conversions

## Conversions Part 2

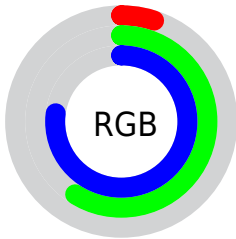
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 91, 197
Decimal	825029
CIELab	57.96, -15.88, -33.40
CIELCh	58, 36.980, 244.563
Yxy	25.9221, 0.2037, 0.2498
Android (android.graphics.Color)	4279015109 (0xFF0C96C5)
YUV	114.0960, 40.8717, -89.5382
Hunter-Lab	50.9137, -14.9976, -30.4035

# Details

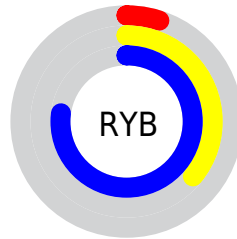
The Hex color **0C96C5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C53B0C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **64CCFE**, and **00638F** is the 20% darker color. If you saturate the color by 10%, you get **0093C5**, and if you desaturate by 10%, it is **209BC5**.

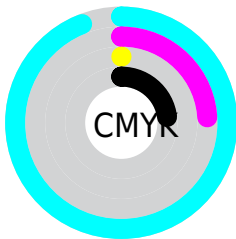
# Distribution



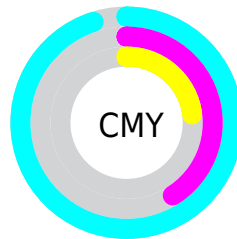
- Red (5%)
- Green (59%)
- Blue (77%)



- Red (5%)
- Yellow (36%)
- Blue (77%)



- Cyan (94%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (95%)
- Magenta (41%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C96C5 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 0C96C5 by changing the saturation by 10% instead.



 0C96C5

 0C96C5

FFFFFF

 007CAA

 64CCFE

 00638F

 84E8FF

 004B75

 A3FFFF

 00355C

 C1FFFF

 002044

 E0FFFF

 00042E

FEFFFF

 000118

 000000

 0C96C5

 0C96C5

■ 0093C5

■ 209BC5

■ 33A0C5

■ 47A5C5

■ 5BAAC5

■ 6FAFC5

■ 82B4C5

■ 96B9C5

■ AABEC5

■ BDC3C5

# Harmonies

## Analogous

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



009BAF



0C96C5



618DCB

# Triad

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



0C96C5



C87188



799455

# Complementary

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



0096C5



C53B0C

# 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.



9B8B4A



0C96C5



C77568

# Square

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



0C96C5



B876A8



B68051



509A6E

# Rectangle

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



0C96C5



8685C6



B68051



85914F

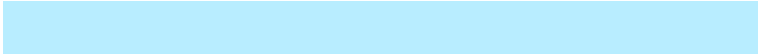


# Sweetspot

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



0C96C5



B8EDFF



0CC53A



547480



000000



808080

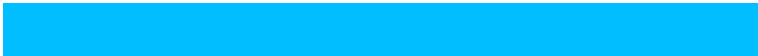


# Same Dimension

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



0C96C5



00BEFF



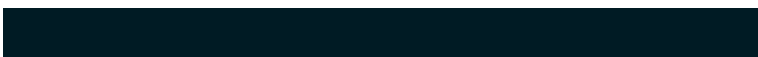
0C3AC5



5A6163



007AA3



001B24



# Inverse Universe

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



C50C96



FF00BE



C5970C



635A61



A3007A



24001B



# Previews

## White Background



This preview shows how the Hex color 0C96C5 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



This preview shows how the Hex color 0C96C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

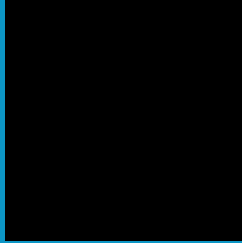
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C96C5 Background



This preview shows how black text looks on a background with the Hex color 0C96C5.



This preview shows how white text looks on a background with the Hex color 0C96C5.

# 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**  
0C96C5



**Protanomaly**  
538EBF



**Deuteranomaly**  
4D8EC7



**Tritanomaly**  
0499B1

# Monochromacy



**Original Color**  
0C96C5



**Achromatopsia**  
727272



**Achromatomaly**  
4D7F90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C96C5 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 #0C96C5 looks like.

```
.text, #text, p{  
    color:#0C96C5  
}
```

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 #0C96C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C96C5
}
```

## Border

The CSS property to change the border of an element to Hex 0C96C5 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
#0C96C5 }
```

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

```
.border{ border-color:#0C96C5 }
```

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

Here you see how a box with a 4 pixel #0C96C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C96C5; -webkit-box-shadow:4px 4px  
4px 4px #0C96C5; box-shadow:4px 4px 4px  
4px #0C96C5 }
```

# Background

The CSS property to change the background color of an element to Hex 0C96C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C96C5 }
```

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

```
.background{ background-color:#0C96C5 }
```

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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