

# Converting Colors

Hex(0C86C5)

Have a look what the booklet for  
Hex(0C86C5) contains.

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# Color

Hex(0C86C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C86C5
RGB	12, 134, 197
RGB Percent	5%, 53%, 77%
CMY	0.9529, 0.4745, 0.2275
CMYK	0.94, 0.32, 0.00, 0.23
HSL	200°, 89%, 41%
HSV	200°, 94%, 77%
XYZ	18.7548, 21.1596, 55.9190
YIQ	104.7040, -92.9350, -6.2710

# Conversions

## Conversions Part 2

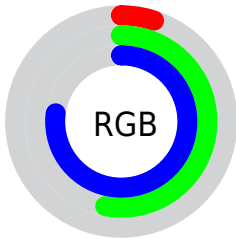
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 86, 197
Decimal	820933
CIE <sub>Lab</sub>	53.12, -6.86, -40.98
CIE <sub>LCh</sub>	53, 41.554, 260.502
Yxy	21.1596, 0.1957, 0.2208
Android (android.graphics.Color)	4279011013 (0xFF0C86C5)
YUV	104.7040, 45.5019, -81.3014
Hunter-Lab	45.9995, -7.7218, -39.8758

# Details

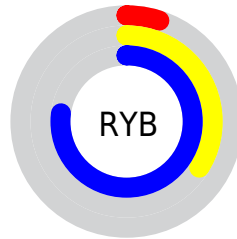
The Hex color **0C86C5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C54B0C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **63BBFE**, and **00558F** is the 20% darker color. If you saturate the color by 10%, you get **0082C5**, and if you desaturate by 10%, it is **208DC5**.

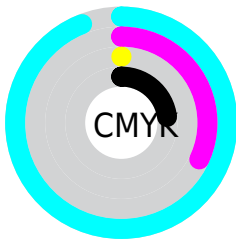
# Distribution



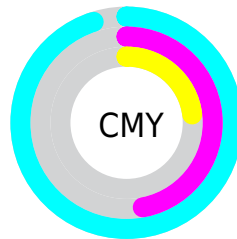
- Red (5%)
- Green (53%)
- Blue (77%)



- Red (5%)
- Yellow (34%)
- Blue (77%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (23%)



- Cyan (95%)
- Magenta (47%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C86C5 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 0C86C5 by changing the saturation by 10% instead.



0C86C5

0C86C5

FFFFFF

006DAA

63BBFE

00558F

83D7FF

003E75

A1F3FF

00285C

C0FFFF

001444

DEFFFF

00032D

FDFFFF

000117

000000

0C86C5

0C86C5

■ 0082C5

■ 208DC5

■ 3393C5

■ 479AC5

■ 5BA1C5

■ 6FA8C5

■ 82AEC5

■ 96B5C5

■ AABCC5

■ BDC2C5

# Harmonies

## Analogous

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



008EB5



0C86C5



6F7AC2

# Triad

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



0C86C5



C26268



528C50

# Complementary

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



0C86C5



C54B0C

# 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.



7C8439



0C86C5



B76C49

# Square

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



0C86C5



BB628C



9E7937



009072

# Rectangle

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



0C86C5



9270B5



9E7937



618A46

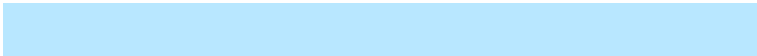


# Sweetspot

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



0C86C5



B8E7FF



0CC54A



547180



000000



808080

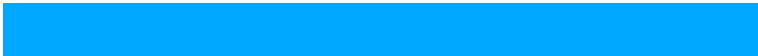


# Same Dimension

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



0C86C5



00A8FF



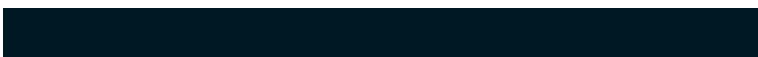
0C2BC5



5A6063



006CA3



001824



# Inverse Universe

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



C50C86



FF00A8



C5A60C



635A60



A3006C



240018



# Previews

## White Background



This preview shows how the Hex color 0C86C5 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 0C86C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

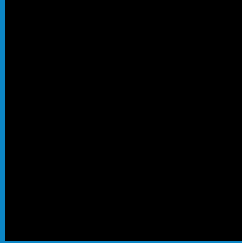
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0C86C5 Background



This preview shows how black text looks on a background with the Hex color 0C86C5.

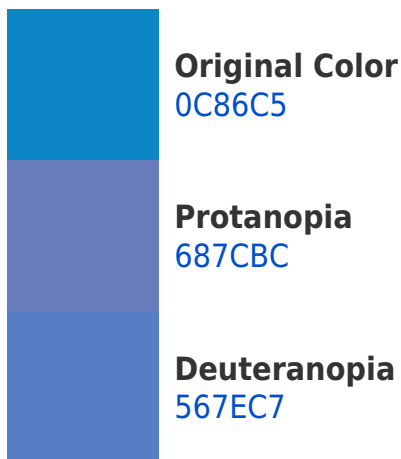


This preview shows how white text looks on a background with the Hex color 0C86C5.

# 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](#).

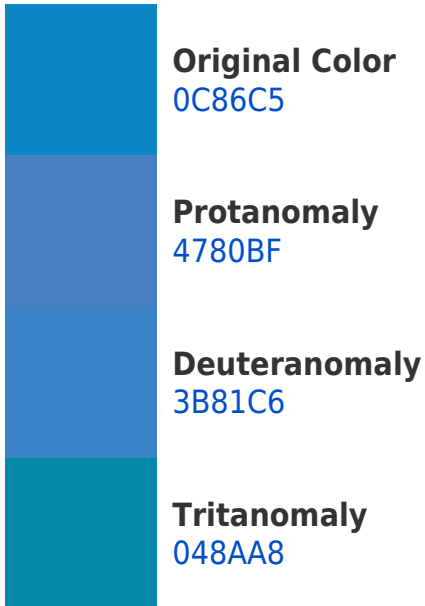
## Dichromacy



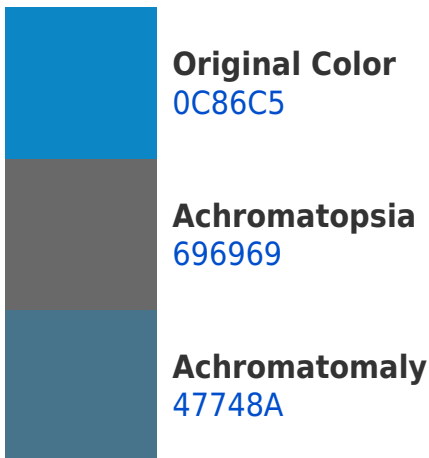


**Tritanopia**  
008C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C86C5 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 #0C86C5 looks like.

```
.text, #text, p{  
    color:#0C86C5  
}
```

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 #0C86C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C86C5
}
```

## Border

The CSS property to change the border of an element to Hex 0C86C5 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
#0C86C5 }
```

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

```
.border{ border-color:#0C86C5 }
```

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

Here you see how a box with a 4 pixel #0C86C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C86C5; -webkit-box-shadow:4px 4px  
4px 4px #0C86C5; box-shadow:4px 4px 4px  
4px #0C86C5 }
```

# Background

The CSS property to change the background color of an element to Hex 0C86C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C86C5 }
```

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

```
.background{ background-color:#0C86C5 }
```

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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