

# Converting Colors

Hex(0ACBDC)

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

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# Color

**Hex(0ACBDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0ACBDC
RGB	10, 203, 220
RGB Percent	4%, 80%, 86%
CMY	0.9608, 0.2039, 0.1373
CMYK	0.95, 0.08, 0.00, 0.14
HSL	185°, 91%, 45%
HSV	185°, 95%, 86%
XYZ	34.3994, 47.9437, 75.1512
YIQ	147.2310, -120.4850, -35.6290

# Conversions

## Conversions Part 2

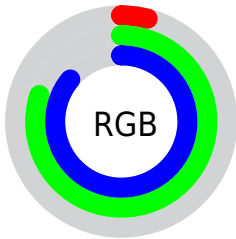
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 111, 220
Decimal	707548
CIELab	74.79, -35.01, -20.21
CIELCh	75, 40.430, 210.000
Yxy	47.9437, 0.2184, 0.3044
Android (android.graphics.Color)	4278897628 (0xFF0ACBDC)
YUV	147.2310, 35.8751, -120.3516
Hunter-Lab	69.2414, -32.4930, -15.8814

# Details

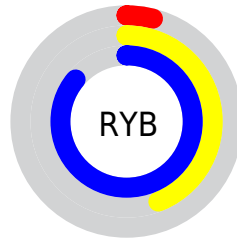
The Hex color **0ACBDC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DC1B0A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6EFFFF**, and **0094A5** is the 20% darker color. If you saturate the color by 10%, you get **00CADC**, and if you desaturate by 10%, it is **20CDDC**.

# Distribution



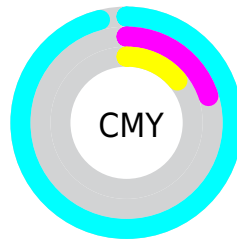
- Red (4%)
- Green (80%)
- Blue (86%)



- Red (4%)
- Yellow (44%)
- Blue (86%)



- Cyan (95%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (96%)
- Magenta (20%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



 0ACBDC

 0ACBDC

FFFFFF

 00AFC0

 6EFFFF

 0094A5

 90FFFF

 007A8B

 B0FFFF

 006171

 CFFFFFF

 004859

 EFFFFFF

 003141

 001B2B

 000117

 000000

■ 0ACBDC

■ 0ACBDC

■ 00CADC

■ 20CDDC

■ 36CFDC

■ 4CD0DC

■ 62D2DC

■ 78D4DC

■ 8ED6DC

■ A4D7DC

■ BAD9DC

■ D0DBDC

# Harmonies

## Analogous

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



49CCB7



0ACBDC



3CC6F8

# Triad

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



0ACBDC



E7A2DE



D0B66D

# Complementary

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



0ACBDC



DC1B0A

# 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.



EEA979



0ACBDC



FD9BB9

# Square

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



0ACBDC



BCAEF8



FF9E95



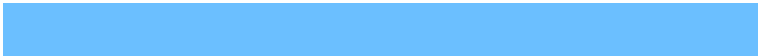
AAC176

# Rectangle

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



0ACBDC



6BBFFF



FF9E95



DCB26F



# Sweetspot

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



0ACBDC



B5F9FF



0ADC18



537C80



000000



808080

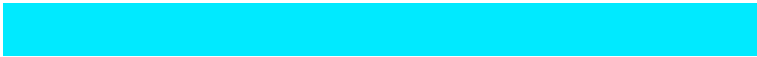


# Same Dimension

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



0ACBDC



00EAFF



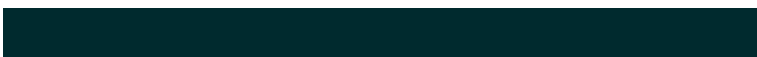
0A65DC



636D6E



009FAD



002A2E



# Inverse Universe

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



DC0ACB



FF00EA



DC810A



6E636D



AD009F

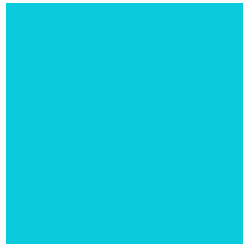


2E002A



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 0ACBDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

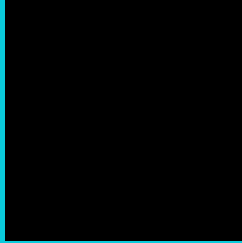
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0ACBDC Background



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

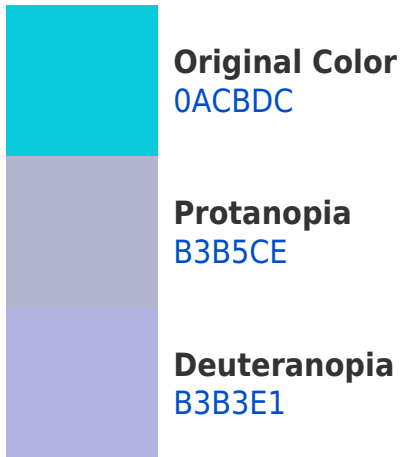


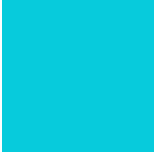
This preview shows how white text looks on a background with the Hex color 0ACBDC.

# 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





# Trichromacy



**Original Color**  
0ACBDC



**Protanomaly**  
76BDD3



**Deuteranomaly**  
76BCDF



**Tritanomaly**  
08CBDC

# Monochromacy



**Original Color**  
0ACBDC



**Achromatopsia**  
939393



**Achromatomaly**  
61A7AE

# CSS Examples

## Text

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

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

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 #0ACBDC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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