

Converting Colors

Hex(0CA0C6)

Have a look what the booklet for
Hex(0CA0C6) contains.

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Color

Hex(0CA0C6)

Conversions

Conversions Part 1

Format	Color
Hex	0CA0C6
RGB	12, 160, 198
RGB Percent	5%, 63%, 78%
CMY	0.9529, 0.3725, 0.2235
CMYK	0.94, 0.19, 0.00, 0.22
HSL	192°, 89%, 41%
HSV	192°, 94%, 78%
XYZ	22.9155, 29.2970, 57.8732
YIQ	120.0800, -100.4060, -19.5580

Conversions

Conversions Part 2

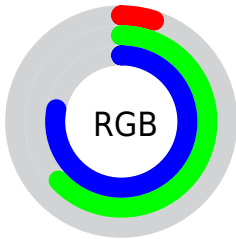
Format	Color
R_{YB}	12, 94, 198
Decimal	827590
CIE _{Lab}	61.04, -20.89, -29.18
CIE _{LCh}	61, 35.880, 234.402
Yxy	29.2970, 0.2082, 0.2661
Android (android.graphics.Color)	4279017670 (0xFF0CA0C6)
YUV	120.0800, 38.4146, -94.7862
Hunter-Lab	54.1267, -19.1507, -25.5052

Details

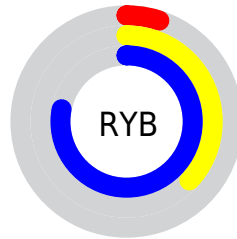
The Hex color **0CA0C6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C6320C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **66D7FF**, and **006C90** is the 20% darker color. If you saturate the color by 10%, you get **009EC6**, and if you desaturate by 10%, it is **20A4C6**.

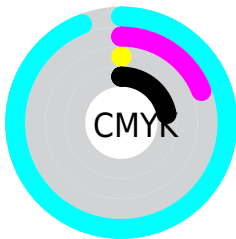
Distribution



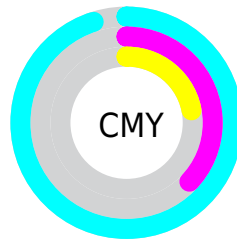
- Red (5%)
- Green (63%)
- Blue (78%)



- Red (5%)
- Yellow (37%)
- Blue (78%)



- Cyan (94%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA0C6 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 0CA0C6 by changing the saturation by 10% instead.

 0CA0C6

 0CA0C6

FFFFFF

 0086AB

 66D7FF

 006C90

 85F3FF

 005476

 A4FFFF

 003D5D

 C3FFFF

 002746

 E1FFFF

 000B2F

 00011A

 000000

 0CA0C6

 0CA0C6

■ 009EC6

■ 20A4C6

■ 34A8C6

■ 47ACC6

■ 5BB0C6

■ 6FB4C6

■ 83B8C6

■ 97BCC6

■ AAC0C6

■ BEC4C6

Harmonies

Analogous

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



00A4AC



0CA0C6



5998D2

Triad

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



0CA0C6



CC7B9B



8D9958

Complementary

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



0CA0C6



C6320C

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.



AD8F54



0CA0C6



D07C7B

Square

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



0CA0C6



B582B9



C58461



68A06D

Rectangle

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



0CA0C6



7E91D0



C58461



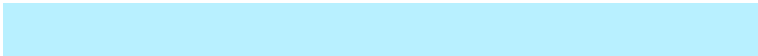
999655

Sweetspot

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



0CA0C6



B8F0FF



0CC631



547780



000000



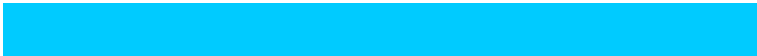
808080

Same Dimension

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



0CA0C6



00CBFF



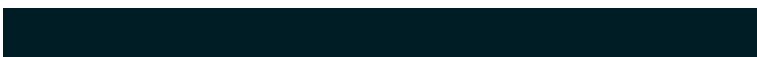
0C44C6



5A6163



0082A3



001C24

Inverse Universe

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



C60CA0



FF00CB



C68E0C



635A61



A30082



24001C

Previews

White Background



This preview shows how the Hex color 0CA0C6 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 0CA0C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

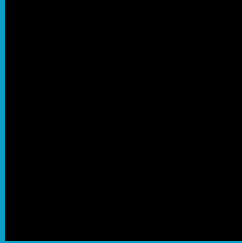
Any Text WCAG AA ✓ Pass

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 0CA0C6 Background



This preview shows how black text looks on a background with the Hex color 0CA0C6.

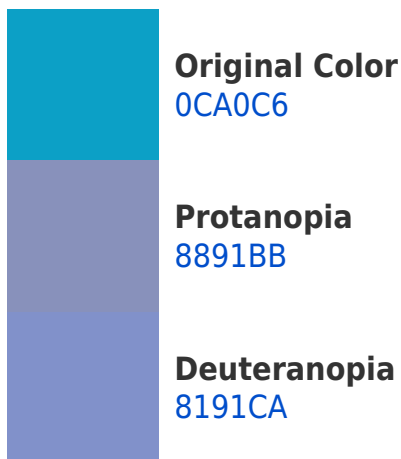


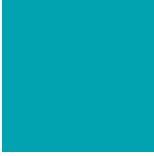
This preview shows how white text looks on a background with the Hex color 0CA0C6.

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
00A3AF

Trichromacy



Original Color
0CA0C6



Protanomaly
5B96BF



Deuteranomaly
5696C9



Tritanomaly
04A2B7

Monochromacy



Original Color
0CA0C6



Achromatopsia
787878



Achromatomaly
518794

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA0C6 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 #0CA0C6 looks like.

```
.text, #text, p{  
    color:#0CA0C6  
}
```

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 #0CA0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA0C6  
}
```

Border

The CSS property to change the border of an element to Hex 0CA0C6 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  
#0CA0C6 }
```

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

```
.border{ border-color:#0CA0C6 }
```

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

Here you see how a box with a 4 pixel #0CA0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA0C6; -webkit-box-shadow:4px 4px  
4px 4px #0CA0C6; box-shadow:4px 4px 4px  
4px #0CA0C6 }
```

Background

The CSS property to change the background color of an element to Hex 0CA0C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA0C6 }
```

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

```
.background{ background-color:#0CA0C6 }
```

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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