

Converting Colors

Hex(0C6CAC)

Have a look what the booklet for
Hex(0C6CAC) contains.

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Color

Hex(0C6CAC)

Conversions

Conversions Part 1

Format	Color
Hex	0C6CAC
RGB	12, 108, 172
RGB Percent	5%, 42%, 67%
CMY	0.9529, 0.5765, 0.3255
CMYK	0.93, 0.37, 0.00, 0.33
HSL	204°, 87%, 36%
HSV	204°, 93%, 67%
XYZ	12.9606, 13.7818, 41.0068
YIQ	86.5920, -77.7600, -0.4480

Conversions

Conversions Part 2

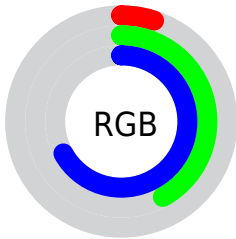
Format	Color
RYB	12, 72, 172
Decimal	814252
CIELab	43.92, -0.91, -41.12
CIELCh	44, 41.134, 268.726
Yxy	13.7818, 0.1913, 0.2034
Android (android.graphics.Color)	4279004332 (0xFF0C6CAC)
YUV	86.5920, 42.1061, -65.4172
Hunter-Lab	37.1239, -2.6495, -39.5046

Details

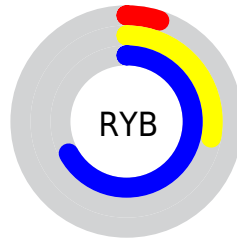
The Hex color **0C6CAC** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AC4C0C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5C9FE4**, and **003D77** is the 20% darker color. If you saturate the color by 10%, you get **0067AC**, and if you desaturate by 10%, it is **1D73AC**.

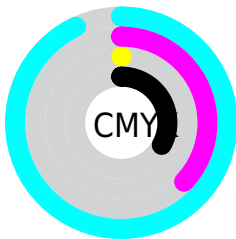
Distribution



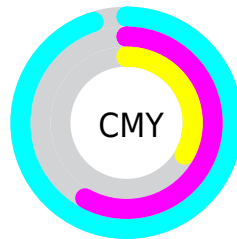
- Red (5%)
- Green (42%)
- Blue (67%)



- Red (5%)
- Yellow (28%)
- Blue (67%)



- Cyan (93%)
- Magenta (37%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6CAC 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 0C6CAC by changing the saturation by 10% instead.

■ 0C6CAC

■ 0C6CAC

FFFFFF

■ 005491

■ 5C9FE4

■ 003D77

■ 7ABAFF

■ 00285E

■ 98D5FF

■ 001446

■ B6F2FF

■ 00042F

■ D3FFFF

■ 000119

■ F1FFFF

■ 000000

■ 0C6CAC

■ 0C6CAC

■ 0067AC

■ 1D73AC

■ 2E7AAC

■ 4081AC

■ 5188AC

■ 628EAC

■ 7395AC

■ 849CAC

■ 96A3AC

■ A7AAAC

Harmonies

Analogous

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



0074A2



0C6CAC



665FA4

Triad

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



0C6CAC



A54D49



2B7643

Complementary

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



0C6CAC



AC4C0C

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.



5A6F28



0C6CAC



96592D

Square

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



0C6CAC



A4496B



7C661F



007865

Rectangle

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



0C6CAC



855695



7C661F



3E7439

Sweetspot

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



0C6CAC



A2C7E0



0CAC4C



4A6170



F0F0F0



707070

Same Dimension

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



0C6CAC



0087E0



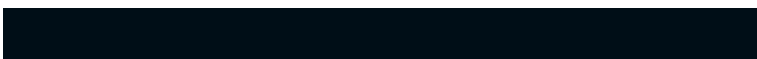
0C1CAC



4E5357



005A96



000E17

Inverse Universe

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



AC0C6C



E00087



AC9C0C



574E53



96005A



17000E

Previews

White Background



This preview shows how the Hex color 0C6CAC looks on a white background.

Color Contrast Check

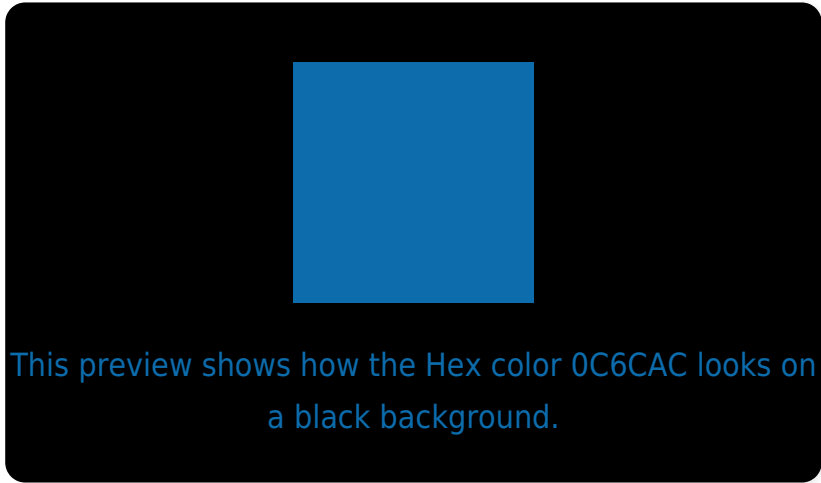
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 0C6CAC Background



This preview shows how black text looks on a background with the Hex color 0C6CAC.

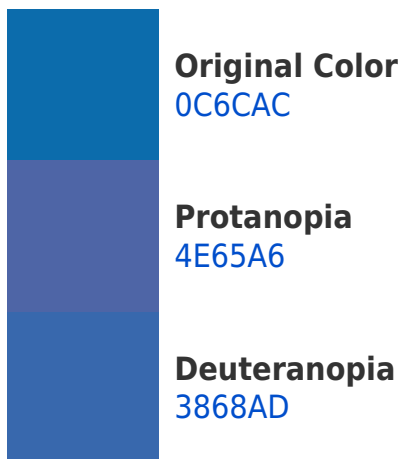


This preview shows how white text looks on a background with the Hex color 0C6CAC.

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
00737B

Trichromacy



Original Color
0C6CAC

Protanomaly
3668A8

Deuteranomaly
2869AD

Tritanomaly
04708D

Monochromacy



Original Color
0C6CAC

Achromatopsia
575757

Achromatomaly
3C5F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6CAC 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 #0C6CAC looks like.

```
.text, #text, p{  
    color:#0C6CAC  
}
```

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 #0C6CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6CAC }  
}
```

Border

The CSS property to change the border of an element to Hex 0C6CAC 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 #0C6CAC }  
}
```

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

```
.border{ border-color:#0C6CAC }
```

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

Here you see how a box with a 4 pixel #0C6CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6CAC; -webkit-box-shadow:4px 4px  
4px 4px #0C6CAC; box-shadow:4px 4px 4px  
4px #0C6CAC }
```

Background

The CSS property to change the background color of an element to Hex 0C6CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6CAC }
```

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

```
.background{ background-color:#0C6CAC }
```

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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