

Converting Colors

Hex(0B8ACA)

Have a look what the booklet for
Hex(0B8ACA) contains.

Hex(0B8ACA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B8ACA)

Conversions

Conversions Part 1

Format	Color
Hex	0B8ACA
RGB	11, 138, 202
RGB Percent	4%, 54%, 79%
CMY	0.9569, 0.4588, 0.2078
CMYK	0.95, 0.32, 0.00, 0.21
HSL	200°, 90%, 42%
HSV	200°, 95%, 79%
XYZ	19.8872, 22.5124, 59.1743
YIQ	107.3230, -96.2360, -7.0200

Conversions

Conversions Part 2

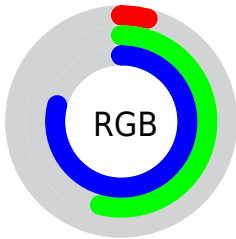
Format	Color
R_{YB}	11, 87, 202
Decimal	756426
CIE _{Lab}	54.57, -7.33, -41.55
CIE _{LCh}	55, 42.188, 259.993
Yxy	22.5124, 0.1958, 0.2216
Android (android.graphics.Color)	4278946506 (0xFF0B8ACA)
YUV	107.3230, 46.6758, -84.4753
Hunter-Lab	47.4472, -8.2156, -40.7311

Details

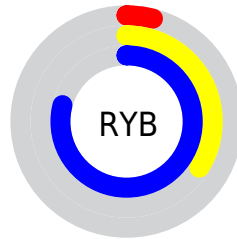
The Hex color **0B8ACA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CA4B0B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **65BFFF**, and **005894** is the 20% darker color. If you saturate the color by 10%, you get **0086CA**, and if you desaturate by 10%, it is **1F91CA**.

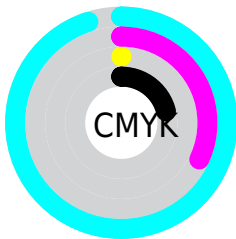
Distribution



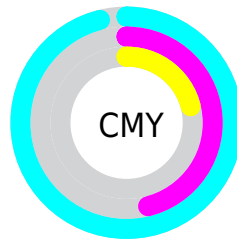
- Red (4%)
- Green (54%)
- Blue (79%)



- Red (4%)
- Yellow (34%)
- Blue (79%)



- Cyan (95%)
- Magenta (32%)
- Yellow (0%)
- Black (21%)



- Cyan (96%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B8ACA 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 0B8ACA by changing the saturation by 10% instead.

 0B8ACA

 0B8ACA

FFFFFF

 0071AE

 65BFFF

 005894

 84DBFF

 004179

 A3F7FF

 002C60

 C1FFFF

 001848

 E0FFFF

 000431

 00011B

 000000

 0B8ACA

 0B8ACA

■ 0086CA

■ 1F91CA

■ 3398CA

■ 489ECA

■ 5CA5CA

■ 70ACCA

■ 84B3CA

■ 98B9CA

■ ADC0CA

■ C1C7CA

Harmonies

Analogous

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



0092BA



0B8ACA



717EC7

Triad

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



0B8ACA



C7656C



559052

Complementary

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



0B8ACA



CA4B0B

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.



80883B



0B8ACA



BC6F4C

Square

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



0B8ACA



C06590



A37C39



009475

Rectangle

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



0B8ACA



9574BB



A37C39



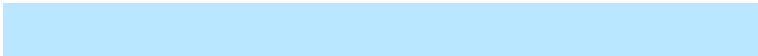
658E48

Sweetspot

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



0B8ACA



B8E7FF



0BCA4B



547180



000000



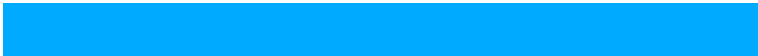
808080

Same Dimension

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



0B8ACA



00AAFF



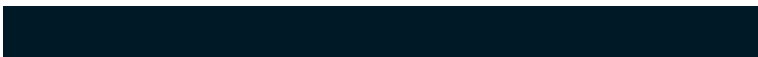
0B2BCA



5C6366



006EA6



001926

Inverse Universe

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



CA0B8A



FF00AA



CAAA0B



665C63



A6006E



260019

Previews

White Background



This preview shows how the Hex color 0B8ACA looks on a white background.

Color Contrast Check

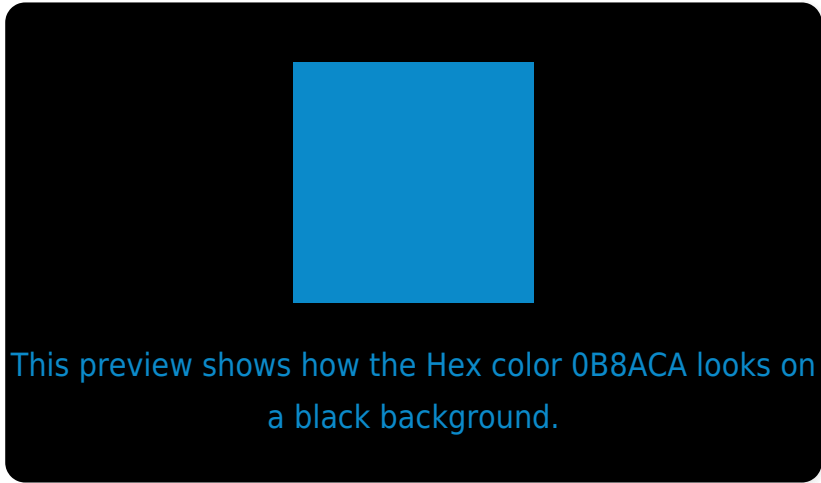
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 0B8ACA Background



This preview shows how black text looks on a background with the Hex color 0B8ACA.

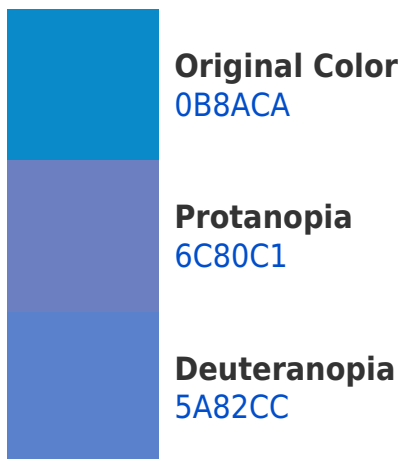


This preview shows how white text looks on a background with the Hex color 0B8ACA.

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](#).

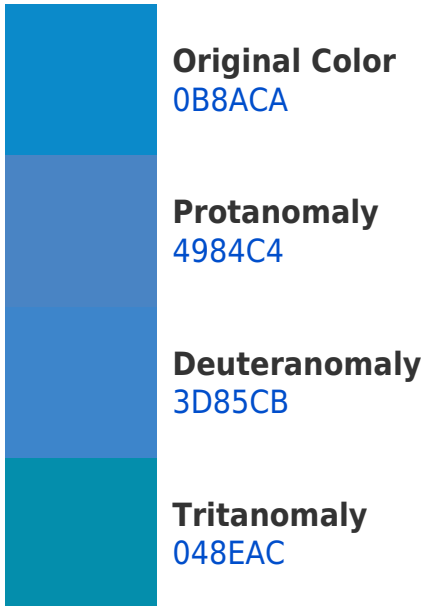
Dichromacy



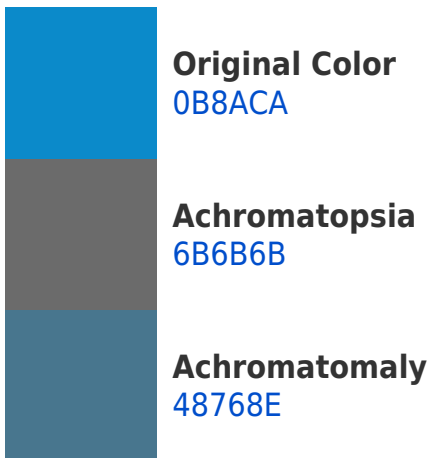


Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0B8ACA 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 #0B8ACA looks like.

```
.text, #text, p{  
    color:#0B8ACA  
}
```

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 #0B8ACA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8ACA
}
```

Border

The CSS property to change the border of an element to Hex 0B8ACA 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
#0B8ACA }
```

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

```
.border{ border-color:#0B8ACA }
```

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

Here you see how a box with a 4 pixel #0B8ACA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8ACA; -webkit-box-shadow:4px 4px  
4px 4px #0B8ACA; box-shadow:4px 4px 4px  
4px #0B8ACA }
```

Background

The CSS property to change the background color of an element to Hex 0B8ACA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8ACA }
```

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

```
.background{ background-color:#0B8ACA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor