

Converting Colors

Hex(0B8DB5)

Have a look what the booklet for
Hex(0B8DB5) contains.

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Color

Hex(0B8DB5)

Conversions

Conversions Part 1

Format	Color
Hex	0B8DB5
RGB	11, 141, 181
RGB Percent	4%, 55%, 71%
CMY	0.9569, 0.4471, 0.2902
CMYK	0.94, 0.22, 0.00, 0.29
HSL	194°, 89%, 38%
HSV	194°, 94%, 71%
XYZ	18.0034, 22.4571, 47.1018
YIQ	106.6900, -90.3200, -15.1200

Conversions

Conversions Part 2

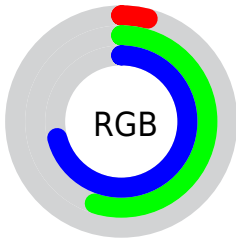
Format	Color
RYB	11, 85, 181
Decimal	757173
CIELab	54.51, -16.77, -29.69
CIElCh	55, 34.100, 240.548
Yxy	22.4571, 0.2056, 0.2565
Android (android.graphics.Color)	4278947253 (0xFF0B8DB5)
YUV	106.6900, 36.6348, -83.9201
Hunter-Lab	47.3889, -15.1172, -25.7586

Details

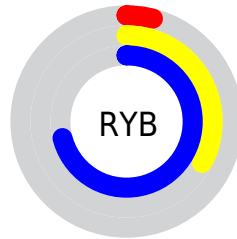
The Hex color **0B8DB5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B5330B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60C3ED**, and **005B80** is the 20% darker color. If you saturate the color by 10%, you get **008AB5**, and if you desaturate by 10%, it is **1D91B5**.

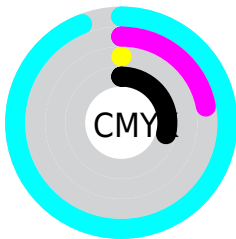
Distribution



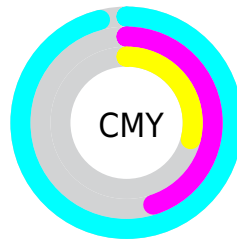
- Red (4%)
- Green (55%)
- Blue (71%)



- Red (4%)
- Yellow (33%)
- Blue (71%)



- Cyan (94%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (96%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B8DB5 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 0B8DB5 by changing the saturation by 10% instead.

 0B8DB5

 0B8DB5

FFFFFF

 00739A

 60C3ED

 005B80

 7FDFFF

 004367

 9DFBFF

 002D4E

 BBFFFF

 001A37

 D9FFFF

 000222

 F8FFFF

 000007

 000000

 0B8DB5

 0B8DB5

008AB5

1D91B5

2F96B5

419AB5

539EB5

66A2B5

78A7B5

8AABB5

9CAFB5

AEB3B5

Harmonies

Analogous

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



00919F



0B8DB5



5685BD

Triad

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



0B8DB5



B96B83



768A4E

Complementary

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



0B8DB5



B5330B

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.



958147



0B8DB5



BA6E66

Square

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



0B8DB5



A870A0



AC7650



528F64

Rectangle

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



0B8DB5



777EB9



AC7650



81874A

Sweetspot

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



0B8DB5



A9DBEB



0BB533



4D6C75



F5F5F5



757575

Same Dimension

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



0B8DB5



00B3EB



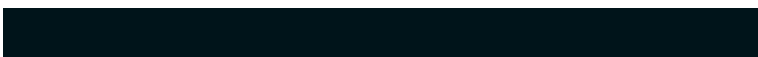
0B38B5



505759



007599



00141A

Inverse Universe

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



B50B8D



EB00B3



B5880B



595057



990075



1A0013

Previews

White Background



This preview shows how the Hex color 0B8DB5 looks on a white background.

Color Contrast Check

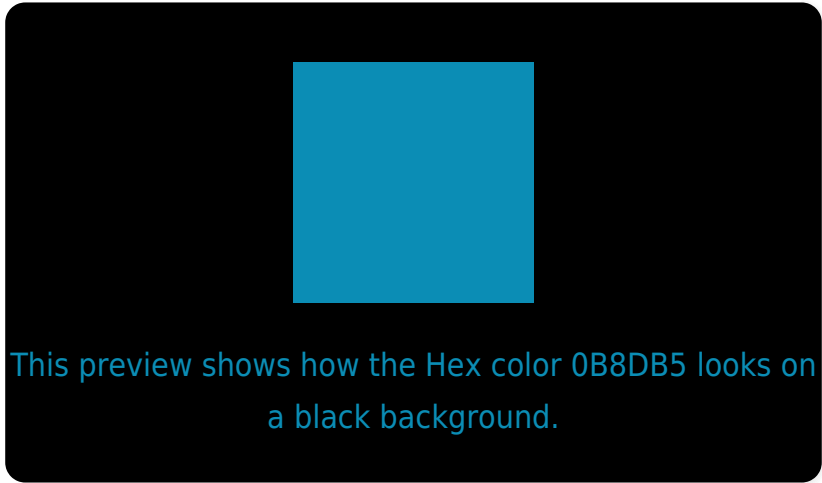
Large Text (above 18pt) WCAG AA ✓ Pass

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

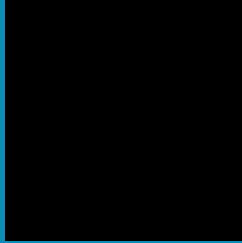
Any Text WCAG AA ✓ Pass

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 0B8DB5 Background



This preview shows how black text looks on a background with the Hex color 0B8DB5.

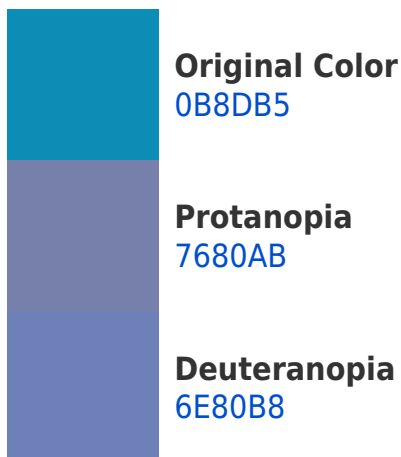


This preview shows how white text looks on a background with the Hex color 0B8DB5.

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



Original Color
0B8DB5



Protanomaly
4F85AF



Deuteranomaly
4A85B7



Tritanomaly
048FA4

Monochromacy



Original Color
0B8DB5



Achromatopsia
6B6B6B



Achromatomaly
487786

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B8DB5 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 #0B8DB5 looks like.

```
.text, #text, p{  
    color:#0B8DB5  
}
```

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 #0B8DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8DB5
}
```

Border

The CSS property to change the border of an element to Hex 0B8DB5 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
#0B8DB5 }
```

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

```
.border{ border-color:#0B8DB5 }
```

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

Here you see how a box with a 4 pixel #0B8DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8DB5; -webkit-box-shadow:4px 4px  
4px 4px #0B8DB5; box-shadow:4px 4px 4px  
4px #0B8DB5 }
```

Background

The CSS property to change the background color of an element to Hex 0B8DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8DB5 }
```

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

```
.background{ background-color:#0B8DB5 }
```

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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