

Converting Colors

Hex(0B83A4)

Have a look what the booklet for
Hex(0B83A4) contains.

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Color

Hex(0B83A4)

Conversions

Conversions Part 1

Format	Color
Hex	0B83A4
RGB	11, 131, 164
RGB Percent	4%, 51%, 64%
CMY	0.9569, 0.4863, 0.3569
CMYK	0.93, 0.20, 0.00, 0.36
HSL	193°, 87%, 34%
HSV	193°, 93%, 64%
XYZ	14.9552, 18.9841, 37.9980
YIQ	98.8820, -82.1130, -15.1770

Conversions

Conversions Part 2

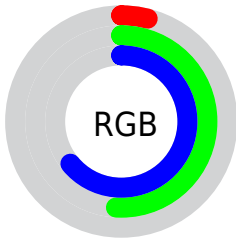
Format	Color
RYB	11, 78, 164
Decimal	754596
CIELab	50.67, -17.43, -25.86
CIElCh	51, 31.190, 236.019
Yxy	18.9841, 0.2079, 0.2639
Android (android.graphics.Color)	4278944676 (0xFF0B83A4)
YUV	98.8820, 32.1032, -77.0725
Hunter-Lab	43.5707, -14.9807, -21.2073

Details

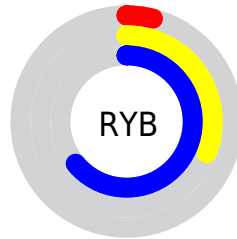
The Hex color **0B83A4** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A42C0B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5CB8DB**, and **005170** is the 20% darker color. If you saturate the color by 10%, you get **0081A4**, and if you desaturate by 10%, it is **1B87A4**.

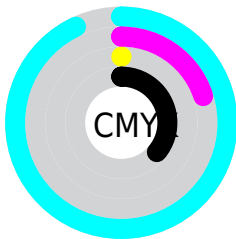
Distribution



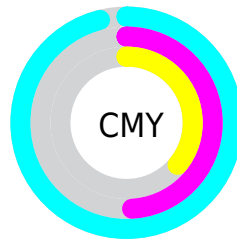
- Red (4%)
- Green (51%)
- Blue (64%)



- Red (4%)
- Yellow (31%)
- Blue (64%)



- Cyan (93%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (96%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B83A4 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 0B83A4 by changing the saturation by 10% instead.

0B83A4

0B83A4

FFFFFF

006A8A

5CB8DB

005170

7AD4F8

003A57

97F0FF

002540

B5FFFF

00082A

D3FFFF

000114

F1FFFF

000000

0B83A4

0B83A4

0081A4

1B87A4

 2C8AA4

 3C8EA4

 4D91A4

 5D95A4

 6D98A4

 7E9CA4

 8E9FA4

 9FA3A4

Harmonies

Analogous

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



00868F



0B83A4



4A7CAD

Triad

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



0B83A4



A9647D



727E48

Complementary

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



0B83A4



A42C0B

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.



8D7643



0B83A4



AC6563

Square

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



0B83A4



976A97



A16D4D



53845A

Rectangle

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



0B83A4



6976AC



A16D4D



7C7C45

Sweetspot

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



0B83A4



9AC9D6



0BA42A



47636B



EBEBEB



6B6B6B

Same Dimension

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



0B83A4



00A8D6



0B39A4



495052



007291



000E12

Inverse Universe

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



A40B83



D600A8



A4760B



524950



910072



12000E

Previews

White Background



This preview shows how the Hex color 0B83A4 looks on a white background.

Color Contrast Check

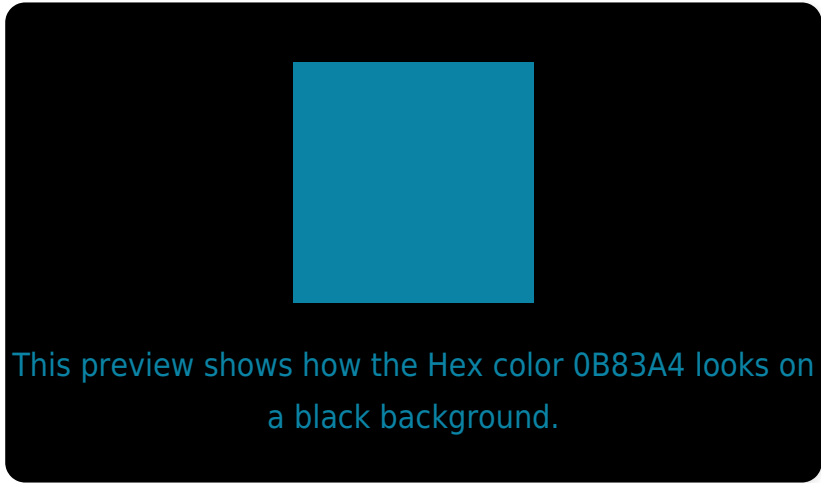
Large Text (above 18pt) WCAG AA ✓ Pass

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

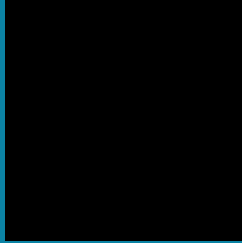
Any Text WCAG AA ✓ Pass

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 0B83A4 Background



This preview shows how black text looks on a background with the Hex color 0B83A4.

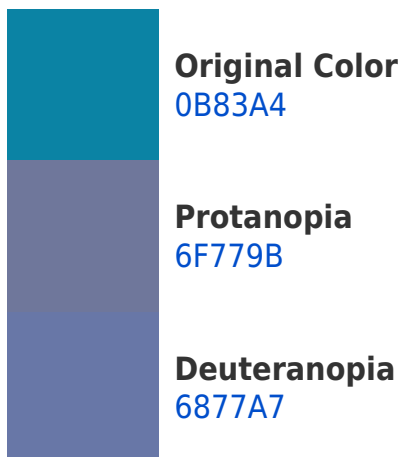


This preview shows how white text looks on a background with the Hex color 0B83A4.

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
008690

Trichromacy



Original Color
0B83A4

Protanomaly
4B7B9E

Deuteranomaly
467BA6

Tritanomaly
048597

Monochromacy



Original Color
0B83A4

Achromatopsia
636363

Achromatomaly
436F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B83A4 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 #0B83A4 looks like.

```
.text, #text, p{  
    color:#0B83A4  
}
```

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 #0B83A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B83A4
}
```

Border

The CSS property to change the border of an element to Hex 0B83A4 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
#0B83A4 }
```

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

```
.border{ border-color:#0B83A4 }
```

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

Here you see how a box with a 4 pixel #0B83A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B83A4; -webkit-box-shadow:4px 4px  
4px 4px #0B83A4; box-shadow:4px 4px 4px  
4px #0B83A4 }
```

Background

The CSS property to change the background color of an element to Hex 0B83A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B83A4 }
```

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

```
.background{ background-color:#0B83A4 }
```

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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