

Converting Colors

Hex(0B7EA2)

Have a look what the booklet for
Hex(0B7EA2) contains.

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Color

Hex(0B7EA2)

Conversions

Conversions Part 1

Format	Color
Hex	0B7EA2
RGB	11, 126, 162
RGB Percent	4%, 49%, 64%
CMY	0.9569, 0.5059, 0.3647
CMYK	0.93, 0.22, 0.00, 0.36
HSL	194°, 87%, 34%
HSV	194°, 93%, 64%
XYZ	14.1205, 17.6015, 36.8356
YIQ	95.7190, -80.0960, -13.1840

Conversions

Conversions Part 2

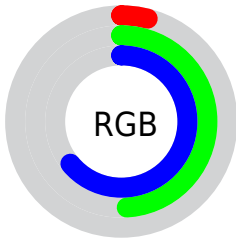
Format	Color
R _Y B	11, 76, 162
Decimal	753314
CIE Lab	49.01, -15.40, -27.27
CIE LCh	49, 31.320, 240.551
Yxy	17.6015, 0.2060, 0.2567
Android (android.graphics.Color)	4278943394 (0xFF0B7EA2)
YUV	95.7190, 32.6765, -74.2986
Hunter-Lab	41.9541, -13.3422, -22.6886

Details

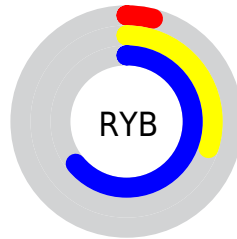
The Hex color **0B7EA2** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A22F0B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BB3D9**, and **004D6E** is the 20% darker color. If you saturate the color by 10%, you get **007BA2**, and if you desaturate by 10%, it is **1B82A2**.

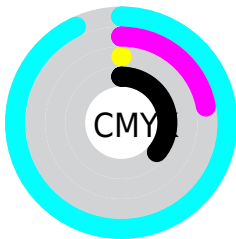
Distribution



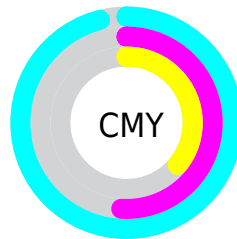
- Red (4%)
- Green (49%)
- Blue (64%)



- Red (4%)
- Yellow (30%)
- Blue (64%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)



- Cyan (96%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7EA2 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 0B7EA2 by changing the saturation by 10% instead.

0B7EA2

0B7EA2

FFFFFF

006588

5BB3D9

004D6E

79CEF6

003656

96EBFF

00213E

B4FFFF

000328

D1FFFF

000112

EFFFFF

000000

0B7EA2

0B7EA2

007BA2

1B82A2

■ 2B86A2

■ 3C8AA2

■ 4C8DA2

■ 5C91A2

■ 6C95A2

■ 7C99A2

■ 8D9DA2

■ 9DA1A2

Harmonies

Analogous

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



00828F



0B7EA2



4C77A9

Triad

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



0B7EA2



A65F75



697B46

Complementary

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



0B7EA2



A22F0B

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.



85733F



0B7EA2



A6625B

Square

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



0B7EA2



96648F



9A6A47



498059

Rectangle

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



0B7EA2



6B71A6



9A6A47



737942

Sweetspot

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



0B7EA2



98C6D4



0BA22E



47626B



EBEBEB



6B6B6B

Same Dimension

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



0B7EA2



00A1D4



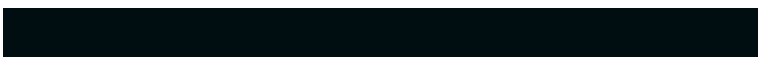
0B33A2



495052



006F91



000E12

Inverse Universe

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



A20B7E



D400A1



A27A0B



524950



91006F



12000E

Previews

White Background



This preview shows how the Hex color 0B7EA2 looks on a white background.

Color Contrast Check

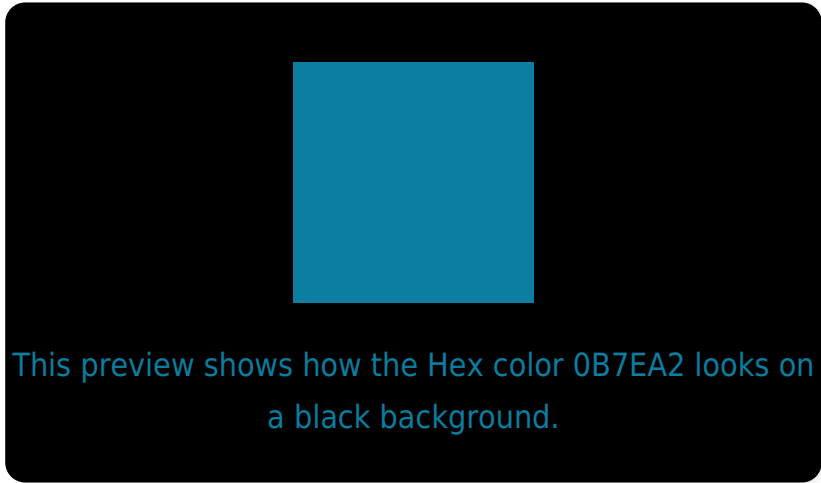
Large Text (above 18pt) WCAG AA ✓ Pass

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

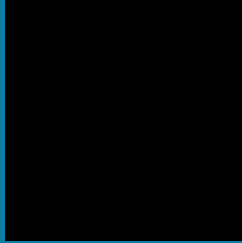
Any Text WCAG AA ✓ Pass

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 0B7EA2 Background



This preview shows how black text looks on a background with the Hex color 0B7EA2.

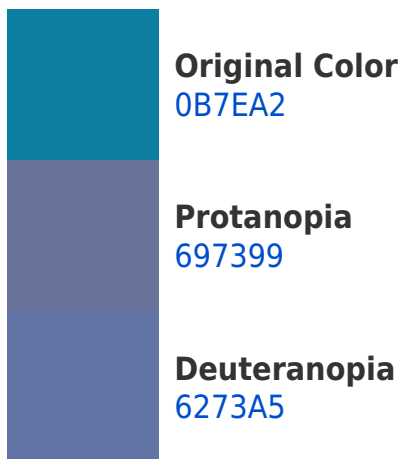


This preview shows how white text looks on a background with the Hex color 0B7EA2.

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



Trichromacy

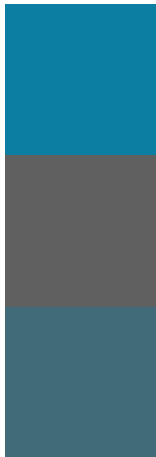


Original Color
0B7EA2

Protanomaly
47779C

Deuteranomaly
4277A4

Monochromacy



Original Color
0B7EA2

Achromatopsia
606060

Achromatomaly
416B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7EA2 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 #0B7EA2 looks like.

```
.text, #text, p{  
    color:#0B7EA2  
}
```

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 #0B7EA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7EA2
}
```

Border

The CSS property to change the border of an element to Hex 0B7EA2 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
#0B7EA2 }
```

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

```
.border{ border-color:#0B7EA2 }
```

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

Here you see how a box with a 4 pixel #0B7EA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7EA2; -webkit-box-shadow:4px 4px  
4px 4px #0B7EA2; box-shadow:4px 4px 4px  
4px #0B7EA2 }
```

Background

The CSS property to change the background color of an element to Hex 0B7EA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7EA2 }
```

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

```
.background{ background-color:#0B7EA2 }
```

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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