

Converting Colors

Hex(0873BD)

Have a look what the booklet for
Hex(0873BD) contains.

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Color

Hex(0873BD)

Conversions

Conversions Part 1

Format	Color
Hex	0873BD
RGB	8, 115, 189
RGB Percent	3%, 45%, 74%
CMY	0.9686, 0.5490, 0.2588
CMYK	0.96, 0.39, 0.00, 0.26
HSL	205°, 92%, 39%
HSV	205°, 96%, 74%
XYZ	15.4162, 15.9872, 50.4174
YIQ	91.4430, -87.5260, 0.3300

Conversions

Conversions Part 2

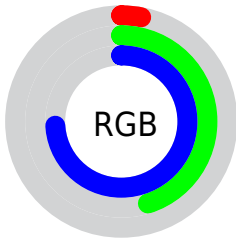
Format	Color
RYB	8, 75, 189
Decimal	553917
CIELab	46.96, 1.31, -46.18
CIELCh	47, 46.199, 271.623
Yxy	15.9872, 0.1884, 0.1954
Android (android.graphics.Color)	4278743997 (0xFF0873BD)
YUV	91.4430, 48.0956, -73.1795
Hunter-Lab	39.9840, -1.1498, -46.7723

Details

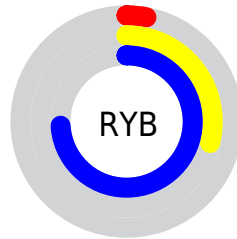
The Hex color **0873BD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BD5208**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **60A6F6**, and **004487** is the 20% darker color. If you saturate the color by 10%, you get **0070BD**, and if you desaturate by 10%, it is **1B7BBD**.

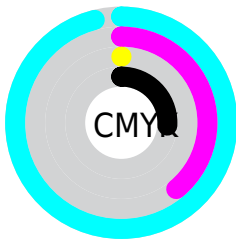
Distribution



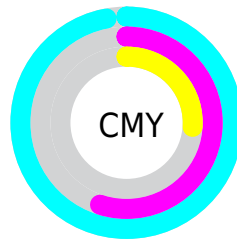
- Red (3%)
- Green (45%)
- Blue (74%)



- Red (3%)
- Yellow (29%)
- Blue (74%)



- Cyan (96%)
- Magenta (39%)
- Yellow (0%)
- Black (26%)



- Cyan (97%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0873BD 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 0873BD by changing the saturation by 10% instead.

■ 0873BD

FFFFFF

■ 60A6F6

■ 7FC2FF

■ 9DDDFE

■ BBFAFF

■ D9FFFF

■ F8FFFF

■ 0873BD

■ 0873BD

■ 005BA2

■ 004487

■ 002E6D

■ 001A54

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 0873BD

0070BD

1B7BBD

2E82BD

418ABD

5492BD

679ABD

79A1BD

8CA9BD

9FB1BD

B2B9BD

Harmonies

Analogous

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



007DB3



0873BD



7364B2

Triad

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



0873BD



B35149



1E7F49

Complementary

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



0873BD



BD5208

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.



5B7928



0873BD



A1602A

Square

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



0873BD



B54B6F



826E1A



008270

Rectangle

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



0873BD



9459A0



826E1A



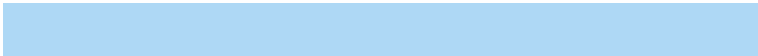
387E3D

Sweetspot

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



0873BD



AED8F5



08BD50



50697A



FAFAFA



7A7A7A

Same Dimension

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



0873BD



0091F5



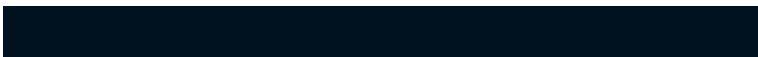
081ABD



555A5E



005D9E



00121F

Inverse Universe

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



BD0873



F50091



BDAB08



5E555A



9E005D



1F0012

Previews

White Background



This preview shows how the Hex color 0873BD looks on a white background.

Color Contrast Check

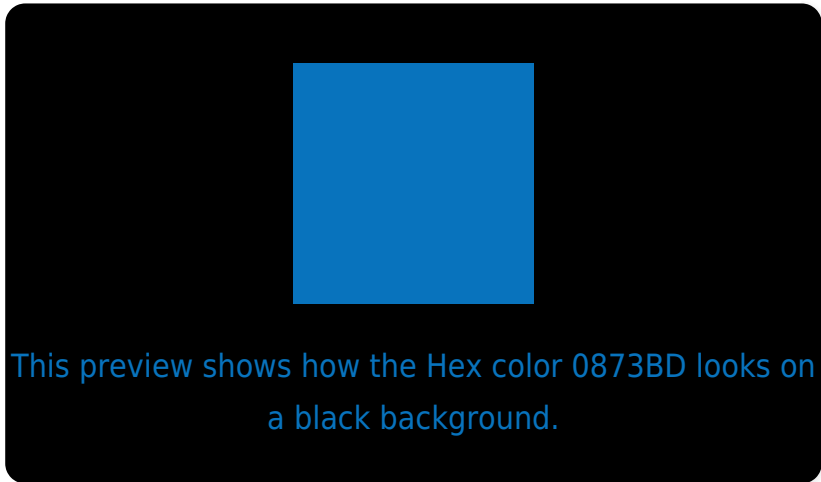
Large Text (above 18pt) WCAG AA ✓ Pass

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 0873BD Background



This preview shows how black text looks on a background with the Hex color 0873BD.

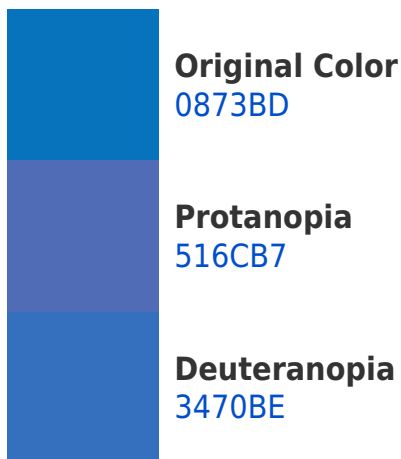


This preview shows how white text looks on a background with the Hex color 0873BD.

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
007B84

Trichromacy



Original Color
0873BD

Protanomaly
366FB9

Deuteranomaly
2471BE

Tritanomaly
037899

Monochromacy



Original Color
0873BD

Achromatopsia
5B5B5B

Achromatomaly
3D647F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0873BD 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 #0873BD looks like.

```
.text, #text, p{  
    color:#0873BD  
}
```

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 #0873BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0873BD
}
```

Border

The CSS property to change the border of an element to Hex 0873BD 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
#0873BD }
```

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

```
.border{ border-color:#0873BD }
```

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

Here you see how a box with a 4 pixel #0873BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0873BD; -webkit-box-shadow:4px 4px  
4px 4px #0873BD; box-shadow:4px 4px 4px  
4px #0873BD }
```

Background

The CSS property to change the background color of an element to Hex 0873BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0873BD }
```

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

```
.background{ background-color:#0873BD }
```

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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