

Converting Colors

Hex(0873DA)

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

Hex(0873DA)	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(0873DA)

Conversions

Conversions Part 1

Format	Color
Hex	0873DA
RGB	8, 115, 218
RGB Percent	3%, 45%, 85%
CMY	0.9686, 0.5490, 0.1451
CMYK	0.96, 0.47, 0.00, 0.15
HSL	209°, 93%, 44%
HSV	209°, 96%, 85%
XYZ	18.8858, 17.3750, 68.6880
YIQ	94.7490, -96.8350, 9.3490

Conversions

Conversions Part 2

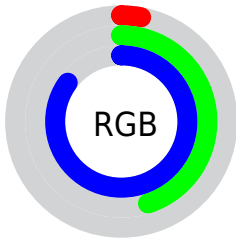
Format	Color
RYB	8, 79, 218
Decimal	553946
CIELab	48.73, 12.76, -59.93
CIELCh	49, 61.270, 282.022
Yxy	17.3750, 0.1800, 0.1656
Android (android.graphics.Color)	4278744026 (0xFF0873DA)
YUV	94.7490, 60.7627, -76.0789
Hunter-Lab	41.6834, 7.9282, -68.5227

Details

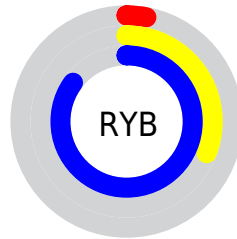
The Hex color **0873DA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DA6F08**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **68A6FF**, and **0044A2** is the 20% darker color. If you saturate the color by 10%, you get **006FDA**, and if you desaturate by 10%, it is **1E7EDA**.

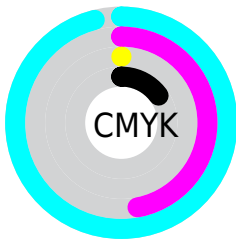
Distribution



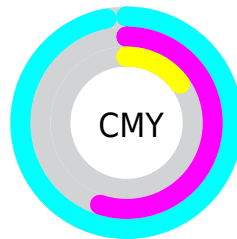
- Red (3%)
- Green (45%)
- Blue (85%)



- Red (3%)
- Yellow (31%)
- Blue (85%)



- Cyan (96%)
- Magenta (47%)
- Yellow (0%)
- Black (15%)



- Cyan (97%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients

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

0873DA

0873DA

FFFFFF

005BBE

68A6FF

0044A2

88C1FF

002F87

A8DDFF

001C6D

C6F9FF

000654

E5FFFF

00063C

000225

00010E

000000

■ 0873DA

■ 0873DA

■ 006FDA

■ 1E7EDA

■ 3488DA

■ 4993DA

■ 5F9EDA

■ 75A8DA

■ 8BB3DA

■ A1BEDA

■ B6C9DA

■ CCD3DA

Harmonies

Analogous

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



0082D7



0873DA



905CC2

Triad

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



0873DA



C44E30



008952

Complementary

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



0873DA



DA6F08

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.



3C831C



0873DA



A56600

Square

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



0873DA



CF3C61



787800



008B88

Rectangle

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



0873DA



B44AA5



787800



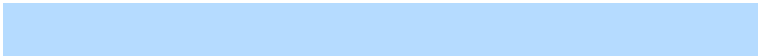
008840

Sweetspot

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



0873DA



B5DBFF



08DA6E



536A80



000000



808080

Same Dimension

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



0873DA



0082FF



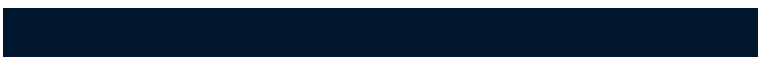
080BDA



63686E



0058AD



00172E

Inverse Universe

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



DA0873



FF0082



DAD708



6E6368



AD0058



2E0017

Previews

White Background



This preview shows how the Hex color 0873DA 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

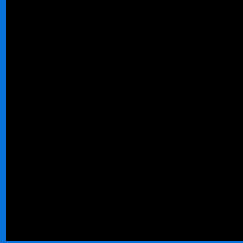
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

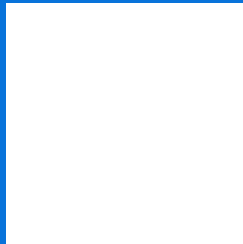
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0873DA Background



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

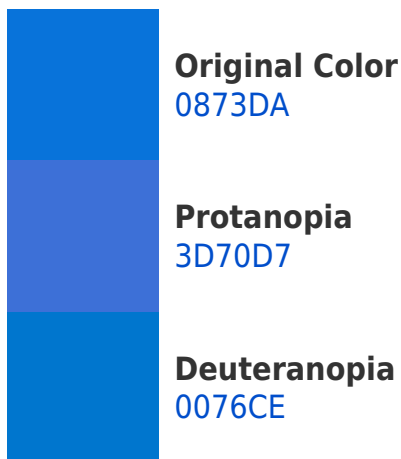


This preview shows how white text looks on a background with the Hex color 0873DA.

Color Blindness Simulation

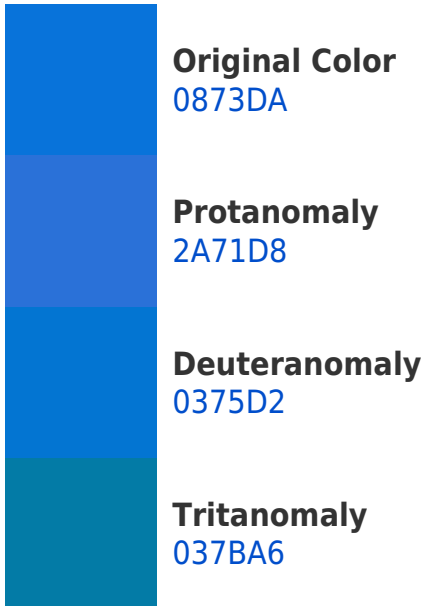
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0873DA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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