

# Converting Colors

Hex(08BADF)

Have a look what the booklet for  
Hex(08BADF) contains.

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# **Color**

**Hex(08BADF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08BADF
RGB	8, 186, 223
RGB Percent	3%, 73%, 87%
CMY	0.9686, 0.2706, 0.1255
CMYK	0.96, 0.17, 0.00, 0.13
HSL	190°, 93%, 45%
HSV	190°, 96%, 87%
XYZ	30.9783, 40.4971, 75.9960
YIQ	136.9960, -117.9650, -26.2290

# Conversions

## Conversions Part 2

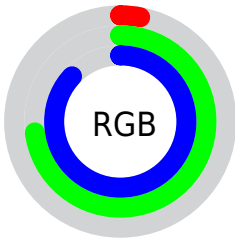
Format	Color
<a href="#">RYB</a>	<a href="#">8, 105, 223</a>
Decimal	<a href="#">572127</a>
CIELab	<a href="#">69.82, -25.83, -29.44</a>
CIELCh	<a href="#">70, 39.164, 228.736</a>
Yxy	<a href="#">40.4971, 0.2101, 0.2746</a>
Android (android.graphics.Color)	<a href="#">4278762207</a> ( <a href="#">0xFF08BADF</a> )
YUV	<a href="#">136.9960, 42.4000, -113.1295</a>
Hunter-Lab	<a href="#">63.6374, -24.4726, -26.2582</a>

# Details

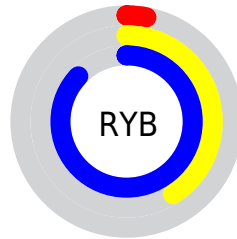
The Hex color **08BADF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DF2D08**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6CF2FF**, and **0085A8** is the 20% darker color. If you saturate the color by 10%, you get **00B9DF**, and if you desaturate by 10%, it is **1EBEDF**.

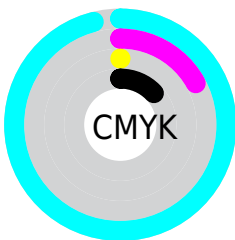
# Distribution



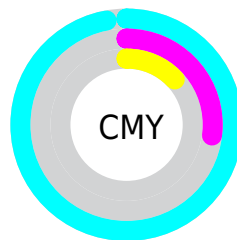
- Red (3%)
- Green (73%)
- Blue (87%)



- Red (3%)
- Yellow (41%)
- Blue (87%)



- Cyan (96%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (97%)
- Magenta (27%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08BADF 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 08BADF by changing the saturation by 10% instead.



 08BADF

 08BADF

FFFFFF

 009FC3

 6CF2FF

 0085A8

 8DFFFF

 006B8D

 ADFFFF

 005373

 CDFFFF

 003B5B

 ECFFFF

 002643

 00032D

 000117

 000000

■ 08BADF

■ 08BADF

■ 00B9DF

■ 1EBEDF

■ 35C2DF

■ 4BC6DF

■ 61C9DF

■ 78CDDF

■ 8ED1DF

■ A4D5DF

■ BAD9DF

■ D1DDDF

# Harmonies

## Analogous

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



10BDC0



08BADF



5DB2F0

# Triad

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



08BADF



E790BA



ABAF66

# Complementary

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



08BADF



DF2D08

# 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.



CEA465



08BADF



F09096

# Square

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



08BADF



CA99DA



E69877



83B87A

# Rectangle

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



08BADF



88ABF1



E69877



B8AC63

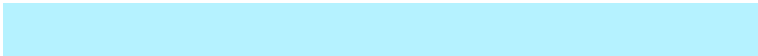


# Sweetspot

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



08BADF



B5F2FF



08DF2C



537880



000000



808080

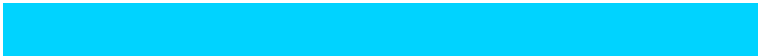


# Same Dimension

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



08BADF



00D3FF



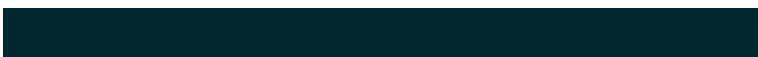
0850DF



656E70



0092B0



002830



# Inverse Universe

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



DF08BA



FF00D3



DF9708



70656E



B00092



300028



# Previews

## White Background



This preview shows how the Hex color 08BADF looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 08BADF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

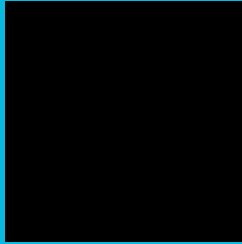
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 08BADF Background



This preview shows how black text looks on a background with the Hex color 08BADF.

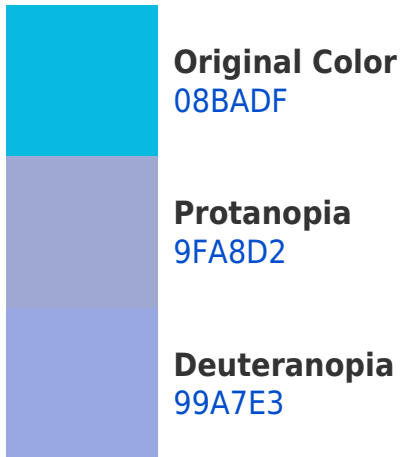


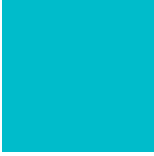
This preview shows how white text looks on a background with the Hex color 08BADF.

# 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**  
00BCCB

# Trichromacy



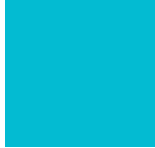
**Original Color**  
08BADF



**Protanomaly**  
68AFD7



**Deuteranomaly**  
64AEE2



**Tritanomaly**  
03BBD2

# Monochromacy



**Original Color**  
08BADF



**Achromatopsia**  
898989



**Achromatomaly**  
5A9BA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08BADF 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 #08BADF looks like.

```
.text, #text, p{  
    color:#08BADF  
}
```

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 #08BADF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08BADF
}
```

## Border

The CSS property to change the border of an element to Hex 08BADF 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
#08BADF }
```

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

```
.border{ border-color:#08BADF }
```

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

Here you see how a box with a 4 pixel #08BADF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08BADF; -webkit-box-shadow:4px 4px  
4px 4px #08BADF; box-shadow:4px 4px 4px  
4px #08BADF }
```

# Background

The CSS property to change the background color of an element to Hex 08BADF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08BADF }
```

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

```
.background{ background-color:#08BADF }
```

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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