

Converting Colors

Hex(00BADA)

Have a look what the booklet for
Hex(00BADA) contains.

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Color

Hex(00BADA)

Conversions

Conversions Part 1

Format	Color
Hex	00BADA
RGB	0, 186, 218
RGB Percent	0%, 73%, 85%
CMY	1.0000, 0.2706, 0.1451
CMYK	1.00, 0.15, 0.00, 0.15
HSL	189°, 100%, 43%
HSV	189°, 100%, 85%
XYZ	30.2138, 40.1798, 72.4927
YIQ	134.0340, -121.1280, -29.4800

Conversions

Conversions Part 2

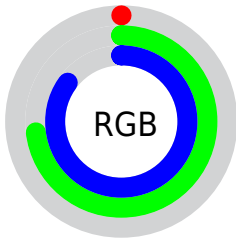
Format	Color
RYB	0, 100, 218
Decimal	47834
CIELab	69.60, -27.71, -27.06
CIELCh	70, 38.733, 224.312
Yxy	40.1798, 0.2115, 0.2812
Android (android.graphics.Color)	4278237914 (0xFF00BADA)
YUV	134.0340, 41.3952, -117.5478
Hunter-Lab	63.3875, -25.8457, -23.4354

Details

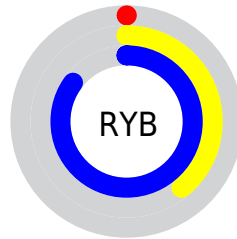
The Hex color **00BADA** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DA2000**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6AF2FF**, and **0084A3** is the 20% darker color. If you saturate the color by 10%, you get **00BADA**, and if you desaturate by 10%, it is **16BDDA**.

Distribution



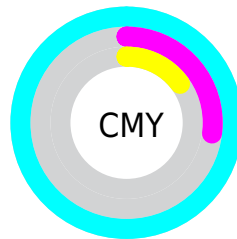
- Red (0%)
- Green (73%)
- Blue (85%)



- Red (0%)
- Yellow (39%)
- Blue (85%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BADA 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 00BADA by changing the saturation by 10% instead.

 00BADA

 00BADA

FFFFFF

 009FBE


 6AF2FF

 0084A3

 8BFFFF

 006B89

 ABFFFF

 00526F

 CAFFFF

 003B57

 EAFFFF

 00263F

 000329

 000113

 000000

 00BADA

 16BDDA

 2CC0DA

 41C4DA

 57C7DA

 6DCADA

 83CDDA

 99D0DA

 AED4DA

 C4D7DA

Harmonies

Analogous

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



22BDBA



00BADA



54B3ED

Triad

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



00BADA



E391BE



B0AD65

Complementary

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



00BADA



DA2000

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.



D1A166



00BADA



EE8F9A

Square

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



00BADA



C39BDC



E7967A



89B676

Rectangle

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



00BADA



7FACF0



E7967A



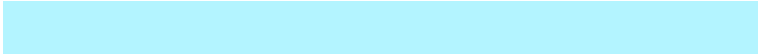
BCAA63

Sweetspot

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



00BADA



B3F4FF



00DA1D



527980



000000



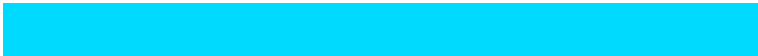
808080

Same Dimension

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



00BADA



00DAFF



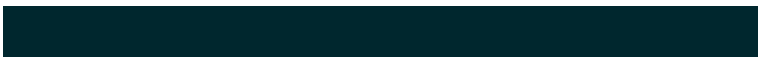
0050DA



636C6E



0094AD



00272E

Inverse Universe

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



DA00BA



FF00DA



DA8A00



6E636C



AD0094



2E0027

Previews

White Background



This preview shows how the Hex color 00BADA looks on a white background.

Color Contrast Check

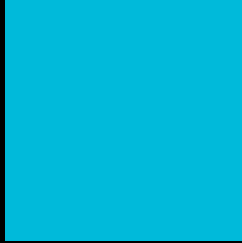
Large Text (above 18pt) WCAG AA × Fail

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 00BADA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

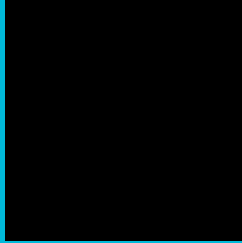
Any Text WCAG AA ✓ Pass

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 00BADA Background



This preview shows how black text looks on a background with the Hex color 00BADA.

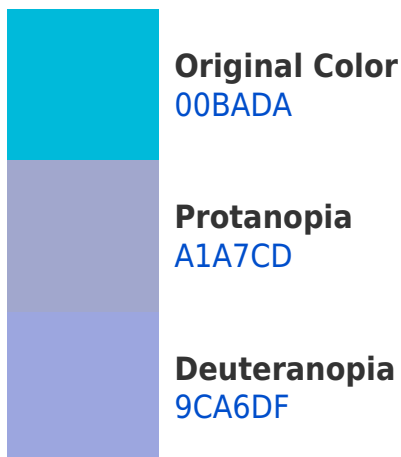


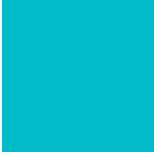
This preview shows how white text looks on a background with the Hex color 00BADA.

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



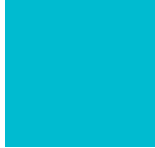
Original Color
00BADA



Protanomaly
66AED2



Deuteranomaly
63ADDD



Tritanomaly
00BBD0

Monochromacy



Original Color
00BADA



Achromatopsia
868686



Achromatomaly
5599A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BADA 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 #00BADA looks like.

```
.text, #text, p{  
  color:#00BADA  
}
```

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 #00BADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BADA
}
```

Border

The CSS property to change the border of an element to Hex 00BADA 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
#00BADA }
```

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

```
.border{ border-color:#00BADA }
```

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

Here you see how a box with a 4 pixel #00BADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BADA; -webkit-box-shadow:4px 4px  
4px 4px #00BADA; box-shadow:4px 4px 4px  
4px #00BADA }
```

Background

The CSS property to change the background color of an element to Hex 00BADA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BADA }
```

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

```
.background{ background-color:#00BADA }
```

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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