

# Converting Colors

Hex(8BDAD4)

Have a look what the booklet for  
Hex(8BDAD4) contains.

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# Color

**Hex(8BDAD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BDAD4
RGB	139, 218, 212
RGB Percent	55%, 85%, 83%
CMY	0.4549, 0.1451, 0.1686
CMYK	0.36, 0.00, 0.03, 0.15
HSL	175°, 52%, 70%
HSV	175°, 36%, 85%
XYZ	47.6025, 60.3852, 71.4340
YIQ	193.6950, -45.1580, -18.6140

# Conversions

## Conversions Part 2

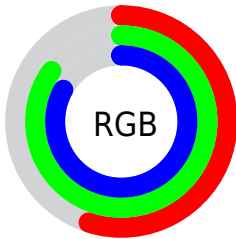
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	139, 180, 218
Decimal	9165524
CIE <sub>Lab</sub>	82.05, -25.55, -4.74
CIE <sub>LCh</sub>	82, 25.982, 190.507
Y <sub>xy</sub>	60.3852, 0.2653, 0.3366
Android (android.graphics.Color)	4287355604 (0xFF8BDAD4)
YUV	193.6950, 9.0244, -47.9675
Hunter-Lab	77.7079, -26.6429, -0.1075

# Details

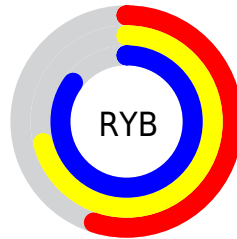
The Hex color **8BDAD4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA8B91**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C3FFFF**, and **54A39D** is the 20% darker color. If you saturate the color by 10%, you get **75DAD2**, and if you desaturate by 10%, it is **A1DAD6**.

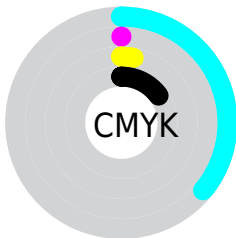
# Distribution



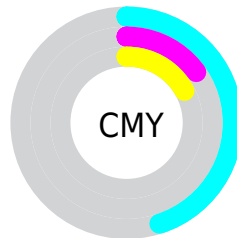
- Red (55%)
- Green (85%)
- Blue (83%)



- Red (55%)
- Yellow (71%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BDAD4 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 8BDAD4 by changing the saturation by 10% instead.



 8BDAD4

 8BDAD4

FFFFFF

 6FBEB8

 C3FFFF

 54A39D

 E0FFFF

 388883

FEFFFF

 176F6A

 005652

 003E3B

 002826

 000E11

 000000

 8BDAD4

 8BDAD4

 75DAD2

 A1DAD6

 5FDAD1

 B7DAD7

 4ADACF

 CCDAD9

 34DACD

 E2DADB

 1EDACC

 F8DADC

 08DACA

 FFDADE

 00DAC9

 FFDAE0

 FFDAE1

 FFDAE3

# Harmonies

## Analogous

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



9FD9BB



8BDAD4



88D8EB

# Triad

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



8BDAD4



DBC3F1



EDC59F

# Complementary

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



8BDAD4



DA8B91

# 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.



FBBEAD



8BDAD4



F3BDDD

# Square

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



8BDAD4



BBCBFC



FEBBC4



D6CD9C

# Rectangle

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



8BDAD4



93D5F6



FEBBC4



F3C2A2



# Sweetspot

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



8BDAD4



E3FFFD



92DA8B



6F807E



000000



808080

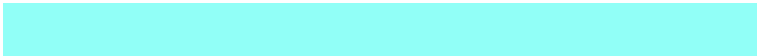


# Same Dimension

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



8BDAD4



91FFF7



8BB9DA



636E6D



00ADA0



002E2A



# Inverse Universe

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



DA8B91



FF919A



DAAC8B



6E6364



AD000D

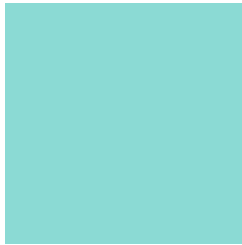


2E0003



# Previews

## White Background



This preview shows how the Hex color 8BDAD4 looks on a white background.

## Color Contrast Check

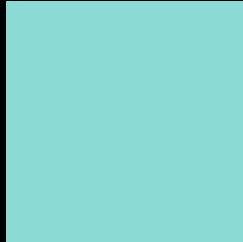
Large Text (above 18pt) WCAG AA × Fail

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 8BDAD4 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 8BDAD4 Background



This preview shows how black text looks on a background with the Hex color 8BDAD4.

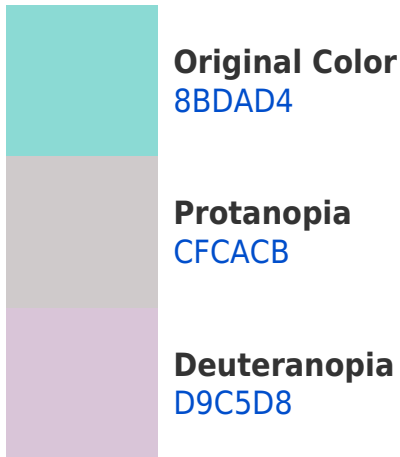


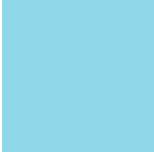
This preview shows how white text looks on a background with the Hex color 8BDAD4.

# 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**  
90D7E8

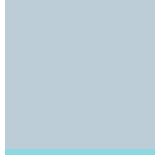
# Trichromacy



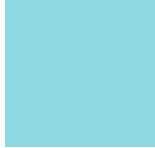
**Original Color**  
8BDAD4



**Protanomaly**  
B6D0CE



**Deuteranomaly**  
BDCDD7

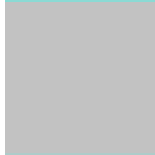


**Tritanomaly**  
8ED8E1

# Monochromacy



**Original Color**  
8BDAD4



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
AECBC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BDAD4 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 #8BDAD4 looks like.

```
.text, #text, p{  
    color:#8BDAD4  
}
```

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 #8BDAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BDAD4
}
```

## Border

The CSS property to change the border of an element to Hex 8BDAD4 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
#8BDAD4 }
```

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

```
.border{ border-color:#8BDAD4 }
```

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

Here you see how a box with a 4 pixel #8BDAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BDAD4; -webkit-box-shadow:4px 4px  
4px 4px #8BDAD4; box-shadow:4px 4px 4px  
4px #8BDAD4 }
```

# Background

The CSS property to change the background color of an element to Hex 8BDAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BDAD4 }
```

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

```
.background{ background-color:#8BDAD4 }
```

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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