

# Converting Colors

Hex(8AD7D7)

Have a look what the booklet for  
Hex(8AD7D7) contains.

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**Color**

**Hex(8AD7D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AD7D7
RGB	138, 215, 215
RGB Percent	54%, 84%, 84%
CMY	0.4588, 0.1569, 0.1569
CMYK	0.36, 0.00, 0.00, 0.16
HSL	180°, 49%, 69%
HSV	180°, 36%, 84%
XYZ	47.0474, 58.9104, 73.1812
YIQ	191.9770, -45.8920, -16.3240

# Conversions

## Conversions Part 2

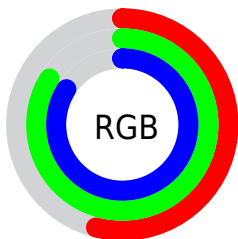
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 177, 215
Decimal	9099223
CIELab	81.24, -23.63, -7.53
CIELCh	81, 24.799, 197.679
Yxy	58.9104, 0.2626, 0.3289
Android (android.graphics.Color)	4287289303 (0xFF8AD7D7)
YUV	191.9770, 11.3503, -47.3378
Hunter-Lab	76.7531, -24.9028, -2.8035

# Details

The Hex color **8AD7D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D78A8A**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C2FFFF**, and **53A0A0** is the 20% darker color. If you saturate the color by 10%, you get **75D7D7**, and if you desaturate by 10%, it is **A0D7D7**.

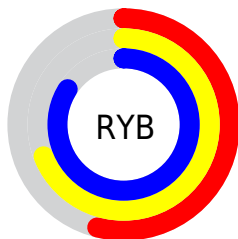
# Distribution



Red (54%)

Green (84%)

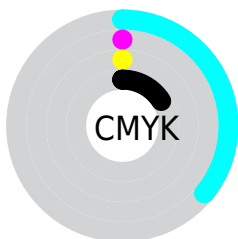
Blue (84%)



Red (54%)

Yellow (69%)

Blue (84%)

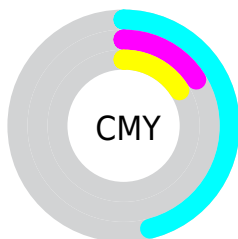


Cyan (36%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (46%)

Magenta (16%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AD7D7 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 8AD7D7 by changing the saturation by 10% instead.



 8AD7D7

 8AD7D7

FFFFFF

 6EBBBB

 C2FFFF

 53A0A0

 DFFFFF

 378686

FDFFFF

 156C6D

 005455

 003C3E

 002628

 000914

 000000

 8AD7D7

 8AD7D7

 75D7D7

 A0D7D7

 5FD7D7

 B5D7D7

 49D7D7

 CBD7D7

 34D7D7

 E0D7D7

 1ED7D7

 F5D7D7

 09D7D7

 FFD7D7

 00D7D7

# Harmonies

## Analogous

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



9AD6BF



8AD7D7



8CD4EB

# Triad

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



8AD7D7



DEBFE9



E4C59D

# Complementary

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



8AD7D7



D78A8A

# 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.



F4BEA8



8AD7D7



F2BAD4

# Square

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



8AD7D7



C1C7F6



FABABD



CDCD9D

# Rectangle

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



8AD7D7



99D1F4



FABABD



EBC2A0

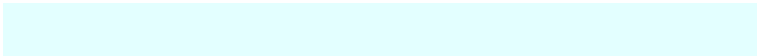


# Sweetspot

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



8AD7D7



E3FFFF



8AD78A



6F8080



000000



808080



# Same Dimension

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



8AD7D7



91FFFF



8AB1D7



606B6B



00ABAB



002B2B



# Inverse Universe

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



D78AD7



FF91FF



D7B18A



6B606B



AB00AB

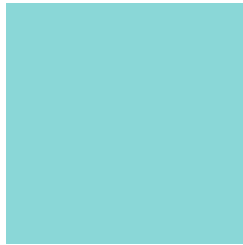


2B002B



# Previews

## White Background



This preview shows how the Hex color 8AD7D7 looks on a white background.

## Color Contrast Check

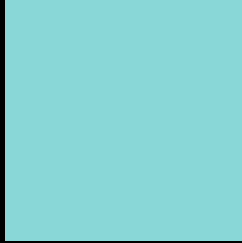
Large Text (above 18pt) WCAG AA × Fail

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 8AD7D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

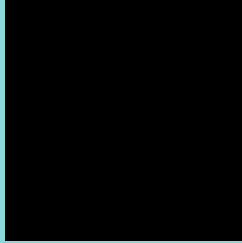
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

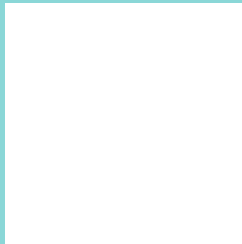
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8AD7D7 Background



This preview shows how black text looks on a background with the Hex color 8AD7D7.

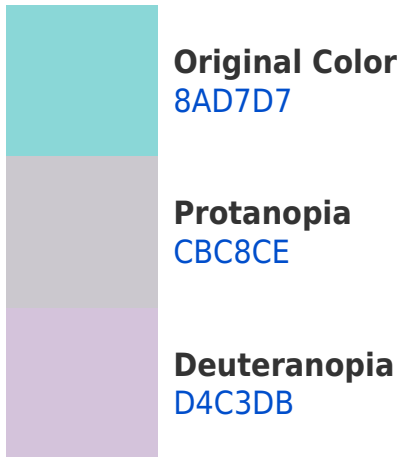


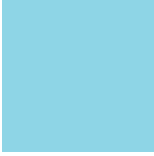
This preview shows how white text looks on a background with the Hex color 8AD7D7.

# 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](#).

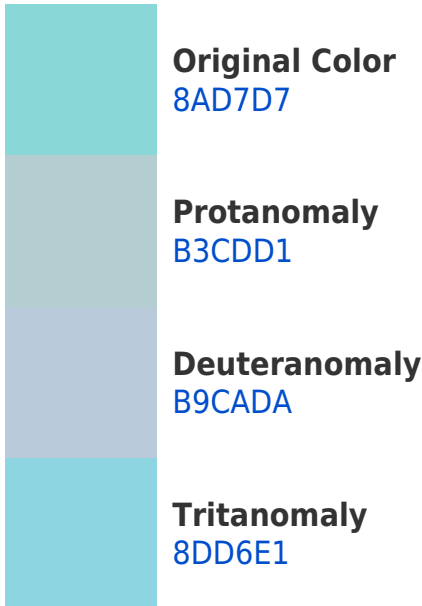
## Dichromacy



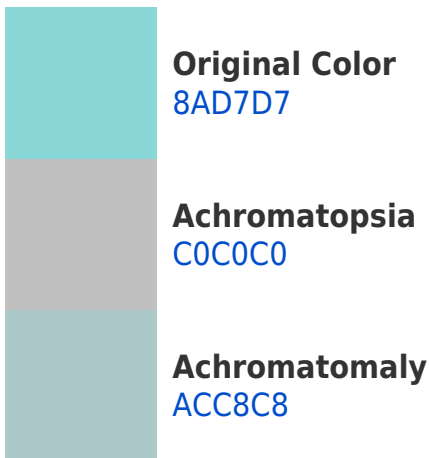


**Tritanopia**  
8ED5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AD7D7 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 #8AD7D7 looks like.

```
.text, #text, p{  
    color:#8AD7D7  
}
```

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 #8AD7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AD7D7
}
```

## Border

The CSS property to change the border of an element to Hex 8AD7D7 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
#8AD7D7 }
```

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

```
.border{ border-color:#8AD7D7 }
```

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

Here you see how a box with a 4 pixel #8AD7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AD7D7; -webkit-box-shadow:4px 4px  
4px 4px #8AD7D7; box-shadow:4px 4px 4px  
4px #8AD7D7 }
```

# Background

The CSS property to change the background color of an element to Hex 8AD7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AD7D7 }
```

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

```
.background{ background-color:#8AD7D7 }
```

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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