

# Converting Colors

Hex(8BD7C4)

Have a look what the booklet for  
Hex(8BD7C4) contains.

<b>Hex(8BD7C4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8BD7C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BD7C4
RGB	139, 215, 196
RGB Percent	55%, 84%, 77%
CMY	0.4549, 0.1569, 0.2314
CMYK	0.35, 0.00, 0.09, 0.16
HSL	165°, 49%, 69%
HSV	165°, 35%, 84%
XYZ	44.9117, 58.0754, 61.0671
YIQ	190.1100, -39.1970, -22.0210

# Conversions

## Conversions Part 2

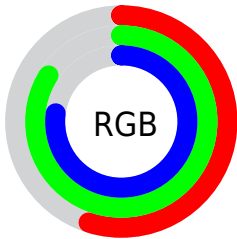
Format	Color
<a href="#">RYB</a>	<a href="#">139, 182, 215</a>
Decimal	<a href="#">9164740</a>
CIELab	<a href="#">80.78, -27.72, 1.93</a>
CIElCh	<a href="#">81, 27.782, 176.020</a>
Yxy	<a href="#">58.0754, 0.2738, 0.3540</a>
Android (android.graphics.Color)	<a href="#">4287354820 (0xFF8BD7C4)</a>
YUV	<a href="#">190.1100, 2.9038, -44.8235</a>
Hunter-Lab	<a href="#">76.2072, -28.1660, 5.8342</a>

# Details

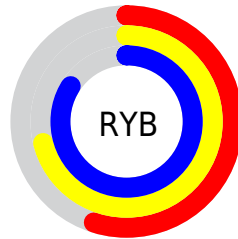
The Hex color **8BD7C4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D78B9E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C3FFFD**, and **55A08E** is the 20% darker color. If you saturate the color by 10%, you get **75D7BF**, and if you desaturate by 10%, it is **A1D7C9**.

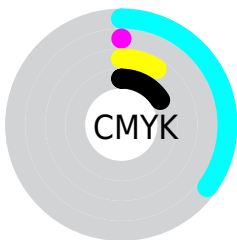
# Distribution



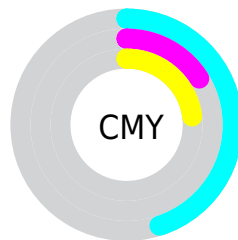
- Red (55%)
- Green (84%)
- Blue (77%)



- Red (55%)
- Yellow (71%)
- Blue (84%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (45%)
- Magenta (16%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BD7C4 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 8BD7C4 by changing the saturation by 10% instead.



 8BD7C4

 8BD7C4

FFFFFF

 70BBA9

 C3FFFD

 55A08E

 E0FFFF

 3A8575

FDFDFF

 1C6C5C

 005345

 003C2F

 00261A

 000500

 000000

 8BD7C4

 8BD7C4

 75D7BF

 A1D7C9

 60D7B9

 B6D7CF

 4AD7B4

 CCD7D4

 35D7AF

 E1D7DA

 1FD7A9

 F7D7DF

 0AD7A4

 FFD7E4

 00D7A1

 FFD7EA

 FFD7EF

 FFD7F4

# Harmonies

## Analogous

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



A6D4AB



8BD7C4



7DD7DE

# Triad

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



8BD7C4



C8C3F7



F4BD9E

# Complementary

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



8BD7C4



D78B9E

# 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.



FDB7B3



8BD7C4



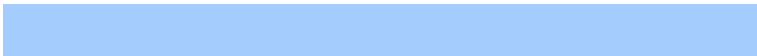
E7BBE6

# Square

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



8BD7C4



A4CCFC



F9B6CD



DFC695

# Rectangle

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



8BD7C4



80D5ED



F9B6CD



F8BBA4

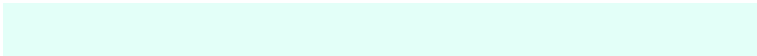


# Sweetspot

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



8BD7C4



E3FFF8



9ED78B



6F807B



000000



808080



# Same Dimension

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



8BD7C4



94FFE4



8BC4D7



606B68



00AB80



002B21



# Inverse Universe

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



D78B9E



FF94AF



D79E8B



6B6063



AB002B

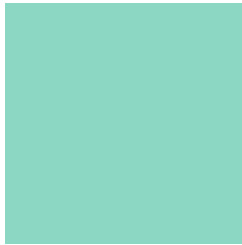


2B000B



# Previews

## White Background



This preview shows how the Hex color 8BD7C4 looks on a white background.

## Color Contrast Check

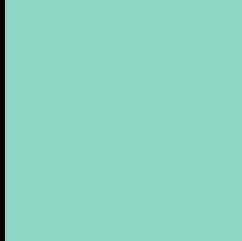
Large Text (above 18pt) WCAG AA × Fail

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 8BD7C4 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 8BD7C4 Background



This preview shows how black text looks on a background with the Hex color 8BD7C4.

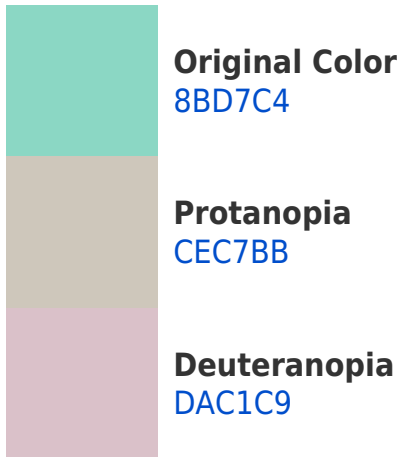


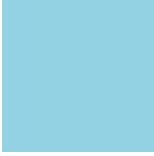
This preview shows how white text looks on a background with the Hex color 8BD7C4.

# 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](#).

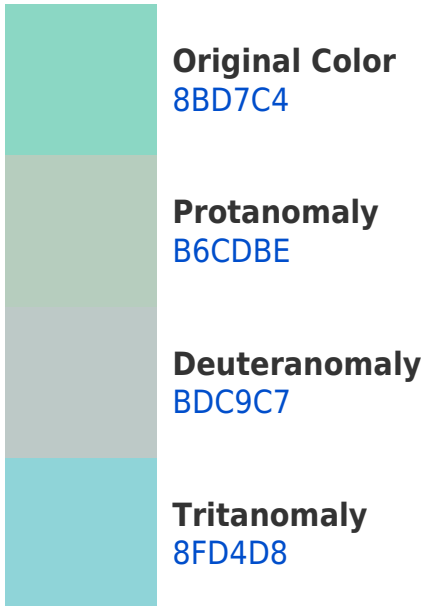
## Dichromacy





**Tritanopia**  
92D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BD7C4 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 #8BD7C4 looks like.

```
.text, #text, p{  
    color:#8BD7C4  
}
```

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 #8BD7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD7C4
}
```

## Border

The CSS property to change the border of an element to Hex 8BD7C4 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
#8BD7C4 }
```

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

```
.border{ border-color:#8BD7C4 }
```

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

Here you see how a box with a 4 pixel #8BD7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD7C4; -webkit-box-shadow:4px 4px  
4px 4px #8BD7C4; box-shadow:4px 4px 4px  
4px #8BD7C4 }
```

# Background

The CSS property to change the background color of an element to Hex 8BD7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD7C4 }
```

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

```
.background{ background-color:#8BD7C4 }
```

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