

# Converting Colors

Hex(8DDCC0)

Have a look what the booklet for  
Hex(8DDCC0) contains.

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# Color

**Hex(8DDCC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DDCC0
RGB	141, 220, 192
RGB Percent	55%, 86%, 75%
CMY	0.4471, 0.1373, 0.2471
CMYK	0.36, 0.00, 0.13, 0.14
HSL	159°, 53%, 71%
HSV	159°, 36%, 86%
XYZ	46.0921, 60.6549, 59.1474
YIQ	193.1870, -38.0960, -25.4560

# Conversions

## Conversions Part 2

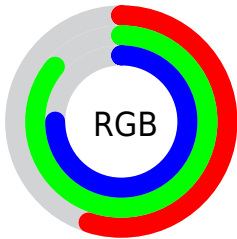
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 189, 220
Decimal	9297088
CIELab	82.19, -30.42, 6.11
CIELCh	82, 31.027, 168.643
Yxy	60.6549, 0.2778, 0.3656
Android (android.graphics.Color)	4287487168 (0xFF8DDCC0)
YUV	193.1870, -0.5852, -45.7680
Hunter-Lab	77.8812, -30.6513, 9.4887

# Details

The Hex color **8DDCC0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DC8DA9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C5FFF8**, and **57A58B** is the 20% darker color. If you saturate the color by 10%, you get **77DCB8**, and if you desaturate by 10%, it is **A3DCC8**.

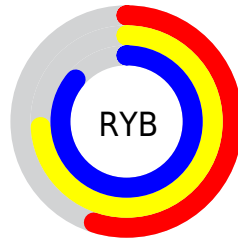
# Distribution



Red (55%)

Green (86%)

Blue (75%)



Red (55%)

Yellow (74%)

Blue (86%)

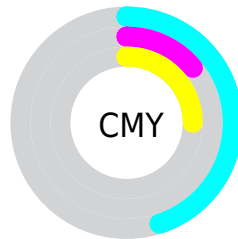


Cyan (36%)

Magenta (0%)

Yellow (13%)

Black (14%)



Cyan (45%)

Magenta (14%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DDCC0 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 8DDCC0 by changing the saturation by 10% instead.





8DDCC0



8DDCC0

FFFFFF



72C0A5



C5FFF8



57A58B



E2FFFF



3C8A71



1E7059



005741



003F2B



002917



000E00



000000

 8DDCC0

 8DDCC0

 77DCB8

 A3DCC8

 61DCB0

 B9DCD0

 4BDCA9

 CFDCD7

 35DCA1

 E5DCDF

 1FDC99

 FBDCE7

 09DC91

 FFDCEF

 00DC8E

 FFDCE7

 FFDCE7

 FFDCE7

# Harmonies

## Analogous

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



ADD8A5



8DDCC0



76DDDE

# Triad

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



8DDCC0



C2C9FF



FFBDA2

# Complementary

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



8DDCC0



DC8DA9

# 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.



FFB8BB



8DDCC0



E7BFF3

# Square

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



8DDCC0



98D3FF



FFB8D9



ECC794

# Rectangle

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



8DDCC0



75DBF0



FFB8D9



FFBBA9

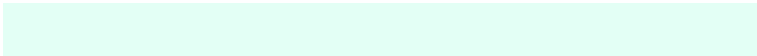


# Sweetspot

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



8DDCC0



E3FFF5



AADC8D



6F807A



000000



808080

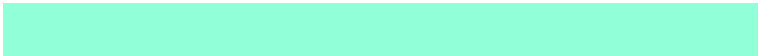


# Same Dimension

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



8DDCC0



91FFD8



8DD1DC



636E6A



00AD70



002E1E



# Inverse Universe

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



DC8DA9



FF91B8



DC988D



6E6367



AD003D

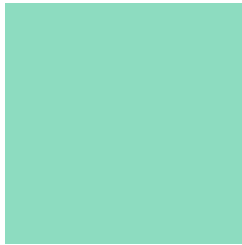


2E0010



# Previews

## White Background



This preview shows how the Hex color 8DDCC0 looks on a white background.

## Color Contrast Check

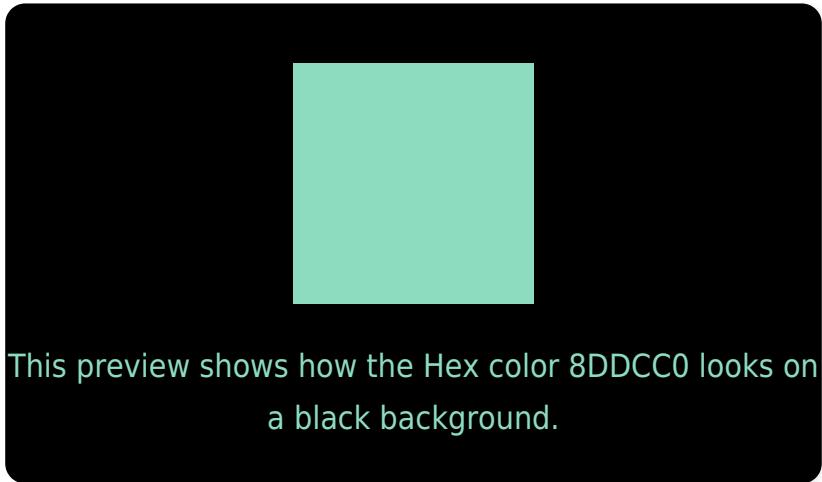
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

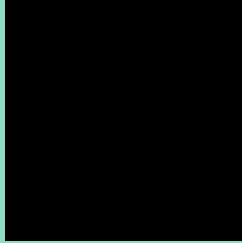
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

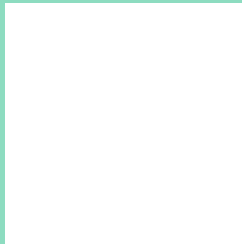
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DDCC0 Background



This preview shows how black text looks on a background with the Hex color 8DDCC0.

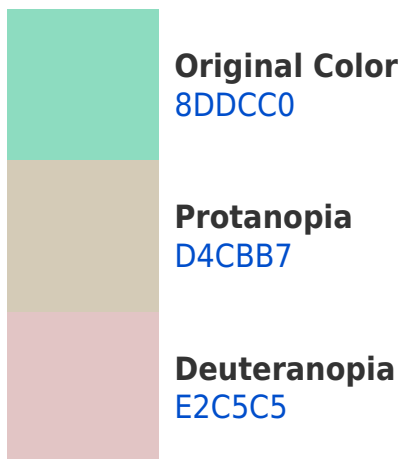


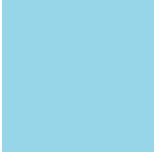
This preview shows how white text looks on a background with the Hex color 8DDCC0.

# 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**  
96D6E8

# Trichromacy



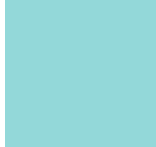
**Original Color**  
8DDCC0



**Protanomaly**  
BAD1BA



**Deuteranomaly**  
C3CDC3

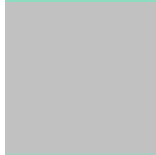


**Tritanomaly**  
93D8D9

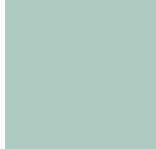
# Monochromacy



**Original Color**  
8DDCC0



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
AECBC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DDCC0 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 #8DDCC0 looks like.

```
.text, #text, p{  
    color:#8DDCC0  
}
```

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 #8DDCC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DDCC0
}
```

## Border

The CSS property to change the border of an element to Hex 8DDCC0 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
#8DDCC0 }
```

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

```
.border{ border-color:#8DDCC0 }
```

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

Here you see how a box with a 4 pixel #8DDCC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DDCC0; -webkit-box-shadow:4px 4px  
4px 4px #8DDCC0; box-shadow:4px 4px 4px  
4px #8DDCC0 }
```

# Background

The CSS property to change the background color of an element to Hex 8DDCC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DDCC0 }
```

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

```
.background{ background-color:#8DDCC0 }
```

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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