

Converting Colors

Hex(88DBD0)

Have a look what the booklet for
Hex(88DBD0) contains.

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Color

Hex(88DBD0)

Conversions

Conversions Part 1

Format	Color
Hex	88DBD0
RGB	136, 219, 208
RGB Percent	53%, 86%, 82%
CMY	0.4667, 0.1412, 0.1843
CMYK	0.38, 0.00, 0.05, 0.14
HSL	172°, 54%, 70%
HSV	172°, 38%, 86%
XYZ	46.8700, 60.4513, 68.8725
YIQ	192.9290, -45.9370, -21.0170

Conversions

Conversions Part 2

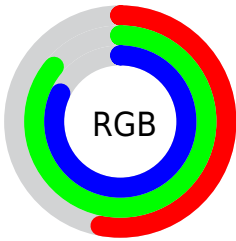
Format	Color
RYB	136, 180, 219
Decimal	8969168
CIELab	82.08, -27.75, -2.57
CIELCh	82, 27.867, 185.299
Yxy	60.4513, 0.2660, 0.3431
Android (android.graphics.Color)	4287159248 (0xFF88DBD0)
YUV	192.9290, 7.4300, -49.9267
Hunter-Lab	77.7505, -28.4588, 1.9054

Details

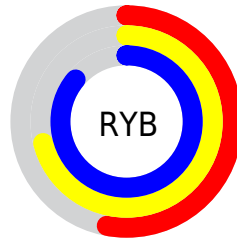
The Hex color **88DBD0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB8893**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C0FFFF**, and **51A49A** is the 20% darker color. If you saturate the color by 10%, you get **72DBCD**, and if you desaturate by 10%, it is **9EDBD3**.

Distribution



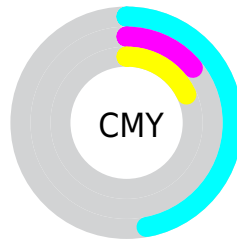
- Red (53%)
- Green (86%)
- Blue (82%)



- Red (53%)
- Yellow (71%)
- Blue (86%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88DBD0 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 88DBD0 by changing the saturation by 10% instead.

 88DBD0

 88DBD0

FFFFFF

 6CBFB4

 C0FFFF

 51A49A

 DDFFFF

 348980

 FBFFFF

 106F67

 00574F

 003F38

 002823

 000E0D

 000000

88DBD0

88DBD0

72DBCD

9EDBD3

5CDBCA

B4DBD6

46DBC7

CADBD9

30DBC4

E0DBDC

1ADBC1

F5DBDF

05DBBF

FFDBE1

00DBBE

FFDBE4

FFDBE7

FFDBEA

Harmonies

Analogous

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



A0D9B6



88DBD0



80DAE9

Triad

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



88DBD0



D6C4F7



F2C39D

Complementary

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



88DBD0



DB8893

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.



FFBCAF



88DBD0



F2BCE3

Square

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



88DBD0



B3CFFF



FFB9C8



DBCC98

Rectangle

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



88DBD0



89D7F6



FFB9C8



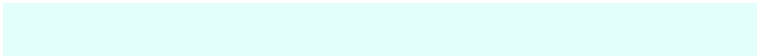
F8C0A2

Sweetspot

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



88DBD0



E3FFFB



93DB88



6F807D



000000



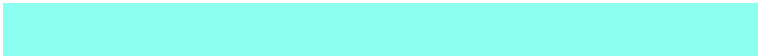
808080

Same Dimension

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



88DBD0



8CFFF0



88BDDB



636E6C



00AD96



002E28

Inverse Universe

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



DB8893



FF8C9B



DBA688



6E6364



AD0017



2E0006

Previews

White Background



This preview shows how the Hex color 88DBD0 looks on a white background.

Color Contrast Check

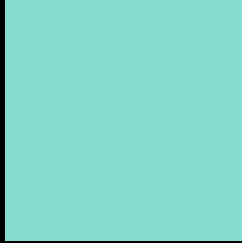
Large Text (above 18pt) WCAG AA × Fail

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 88DBD0 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 88DBD0 Background



This preview shows how black text looks on a background with the Hex color 88DBD0.

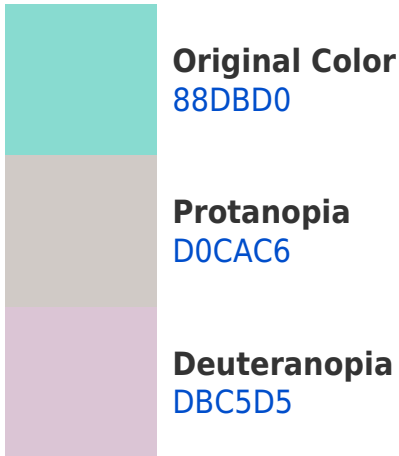


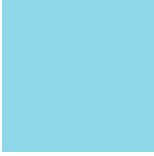
This preview shows how white text looks on a background with the Hex color 88DBD0.

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](#).

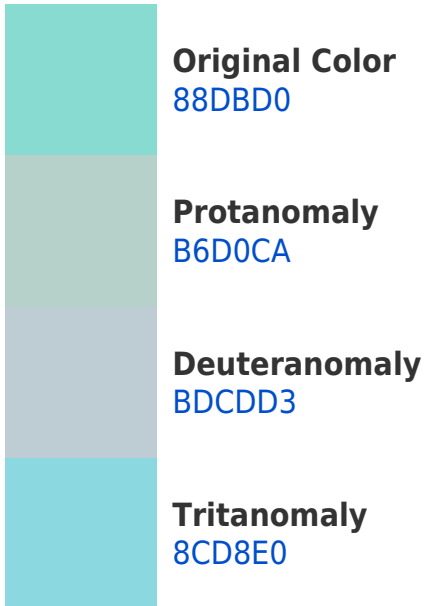
Dichromacy



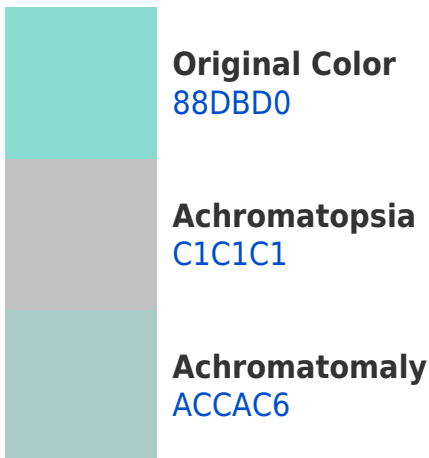


Tritanopia
8ED7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88DBD0 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 #88DBD0 looks like.

```
.text, #text, p{  
    color:#88DBD0  
}
```

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 #88DBD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88DBD0
}
```

Border

The CSS property to change the border of an element to Hex 88DBD0 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
#88DBD0 }
```

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

```
.border{ border-color:#88DBD0 }
```

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

Here you see how a box with a 4 pixel #88DBD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88DBD0; -webkit-box-shadow:4px 4px  
4px 4px #88DBD0; box-shadow:4px 4px 4px  
4px #88DBD0 }
```

Background

The CSS property to change the background color of an element to Hex 88DBD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88DBD0 }
```

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

```
.background{ background-color:#88DBD0 }
```

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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