

Converting Colors

Hex(88DCD5)

Have a look what the booklet for
Hex(88DCD5) contains.

Hex(88DCD5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(88DCD5)

Conversions

Conversions Part 1

Format	Color
Hex	88DCD5
RGB	136, 220, 213
RGB Percent	53%, 86%, 84%
CMY	0.4667, 0.1373, 0.1647
CMYK	0.38, 0.00, 0.03, 0.14
HSL	175°, 55%, 70%
HSV	175°, 38%, 86%
XYZ	47.7568, 61.2247, 72.2513
YIQ	194.0860, -47.8170, -19.9850

Conversions

Conversions Part 2

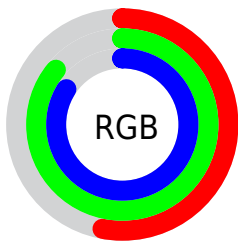
Format	Color
RYB	136, 180, 220
Decimal	8969429
CIELab	82.50, -27.07, -4.62
CIELCh	82, 27.459, 189.683
Yxy	61.2247, 0.2635, 0.3378
Android (android.graphics.Color)	4287159509 (0xFF88DCD5)
YUV	194.0860, 9.3246, -50.9414
Hunter-Lab	78.2462, -27.9853, 0.0249

Details

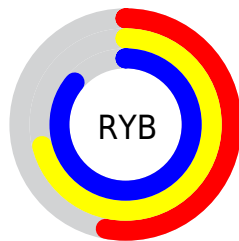
The Hex color **88DCD5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC888F**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C1FFFF**, and **50A59E** is the 20% darker color. If you saturate the color by 10%, you get **72DCD3**, and if you desaturate by 10%, it is **9EDCD7**.

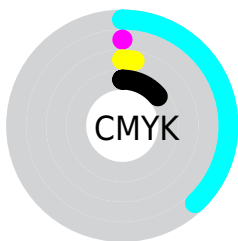
Distribution



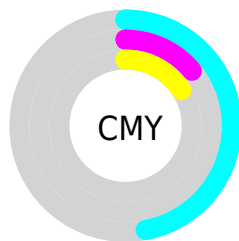
- Red (53%)
- Green (86%)
- Blue (84%)



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



- Cyan (38%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88DCD5 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 88DCD5 by changing the saturation by 10% instead.

 88DCD5

 88DCD5

FFFFFF

 6CC0B9

 C1FFFF

 50A59E

 DEFFFF

 338A84

 FBFFFF

 0D706B

 005853

 00403C

 002926

 001112

 000000

 88DCD5

 88DCD5

 72DCD3

 9EDCD7

 5CDCD1

 B4DCD9

 46DCD0

 CADCDB

 30DCCE

 E0DCDC

 1ADCCC

 F6DCDE

 04DCCA

 FFDCE0

 00DCCA

 FFDCE2

 FFDCE4

 FFDCE6

Harmonies

Analogous

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



9EDABB



88DCD5



84DAED

Triad

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



88DCD5



DCC4F5



F0C69E

Complementary

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



88DCD5



DC888F

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.



FFBEAE



88DCD5



F6BDE0

Square

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



88DCD5



BACDFE



FFBBC6



D8CE9A

Rectangle

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



88DCD5



8FD7F9



FFBBC6



F6C3A2

Sweetspot

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



88DCD5



E3FFFD



8FDC88



6F807E



000000



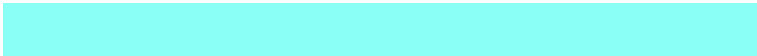
808080

Same Dimension

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



88DCD5



8AFFF5



88B9DC



636E6D



00AD9F



002E2A

Inverse Universe

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



DC888F



FF8A93



DCAB88



6E6364



AD000E



2E0004

Previews

White Background



This preview shows how the Hex color 88DCD5 looks on a white background.

Color Contrast Check

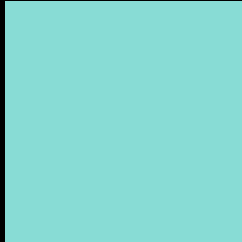
Large Text (above 18pt) WCAG AA × Fail

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 88DCD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

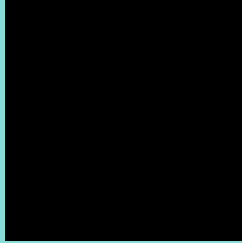
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

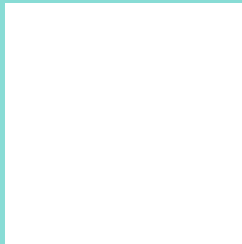
Any Text WCAG AAA ✓ Pass

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

Hex 88DCD5 Background



This preview shows how black text looks on a background with the Hex color 88DCD5.

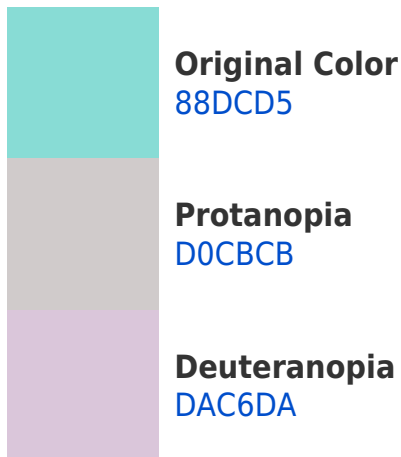


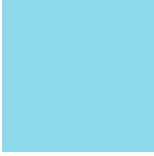
This preview shows how white text looks on a background with the Hex color 88DCD5.

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



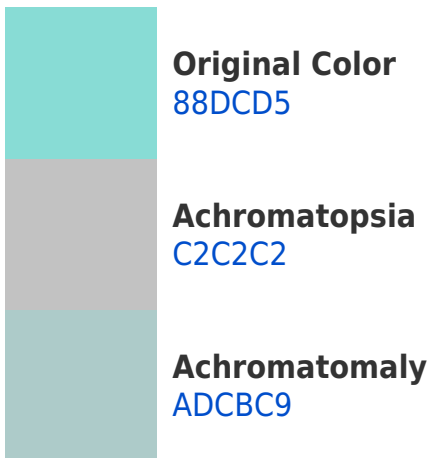


Tritanopia
8ED9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88DCD5 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 #88DCD5 looks like.

```
.text, #text, p{  
    color:#88DCD5  
}
```

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 #88DCD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88DCD5
}
```

Border

The CSS property to change the border of an element to Hex 88DCD5 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
#88DCD5 }
```

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

```
.border{ border-color:#88DCD5 }
```

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

Here you see how a box with a 4 pixel #88DCD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88DCD5; -webkit-box-shadow:4px 4px  
4px 4px #88DCD5; box-shadow:4px 4px 4px  
4px #88DCD5 }
```

Background

The CSS property to change the background color of an element to Hex 88DCD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88DCD5 }
```

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

```
.background{ background-color:#88DCD5 }
```

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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