

Converting Colors

Hex(82DFD9)

Have a look what the booklet for
Hex(82DFD9) contains.

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Color

Hex(82DFD9)

Conversions

Conversions Part 1

Format	Color
Hex	82DFD9
RGB	130, 223, 217
RGB Percent	51%, 87%, 85%
CMY	0.4902, 0.1255, 0.1490
CMYK	0.42, 0.00, 0.03, 0.13
HSL	176°, 59%, 69%
HSV	176°, 42%, 87%
XYZ	48.1180, 62.5309, 75.1792
YIQ	194.5090, -53.5020, -21.5820

Conversions

Conversions Part 2

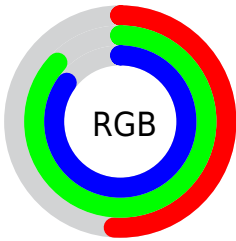
Format	Color
RYB	130, 178, 223
Decimal	8576985
CIELab	83.19, -29.07, -5.74
CIELCh	83, 29.629, 191.180
Yxy	62.5309, 0.2589, 0.3365
Android (android.graphics.Color)	4286767065 (0xFF82DFD9)
YUV	194.5090, 11.0881, -56.5744
Hunter-Lab	79.0765, -29.7668, -1.0144

Details

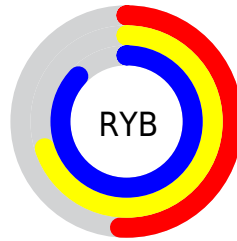
The Hex color **82DFD9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF8288**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BBFFFF**, and **49A7A2** is the 20% darker color. If you saturate the color by 10%, you get **6CDFD8**, and if you desaturate by 10%, it is **98DFDA**.

Distribution



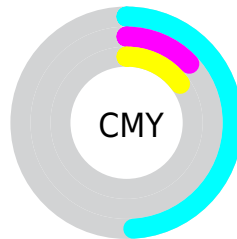
- Red (51%)
- Green (87%)
- Blue (85%)



- Red (51%)
- Yellow (70%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82DFD9 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 82DFD9 by changing the saturation by 10% instead.

 82DFD9

 82DFD9

FFFFFF

 66C3BD

 BBFFFF

 49A7A2

 D8FFFF

 288D88

 F6FFFF

 00736F

 005A56

 00423F

 002B29

 001415

 000000

 82DFD9

 82DFD9

 6CDFD8

 98DFDA

 55DFD6

 AFD FDC

 3FDFD5

 C5DFDD

 29DFD3

 DBDFDF

 13DFD2

 F2DFE0

 00DFD1

 FFDFE2

 FFDFE3

 FFDFE5

 FFDFE6

Harmonies

Analogous

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



9ADEBC



82DFD9



7EDDF3

Triad

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



82DFD9



E1C5F9



F3C79B

Complementary

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



82DFD9



DF8288

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.



FFBFAC



82DFD9



FCBDE2

Square

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



82DFD9



BBCEFF



FFBBC6



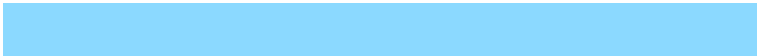
D9D198

Rectangle

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



82DFD9



8BD9FF



FFBBC6



FAC49F

Sweetspot

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



82DFD9



DEFFFD



88DF82



6B807E



000000



808080

Same Dimension

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



82DFD9



80FFF7



82B7DF



65706F



00B0A5



00302D

Inverse Universe

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



DF8288



FF8088



DFAA82



706566



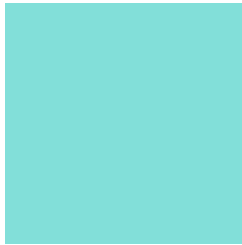
B0000B



300003

Previews

White Background



This preview shows how the Hex color 82DFD9 looks on a white background.

Color Contrast Check

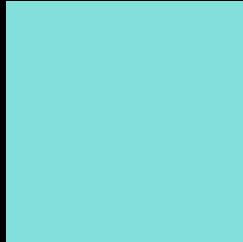
Large Text (above 18pt) WCAG AA × Fail

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 82DFD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

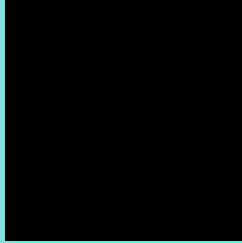
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

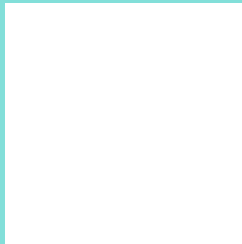
Any Text WCAG AAA ✓ Pass

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

Hex 82DFD9 Background



This preview shows how black text looks on a background with the Hex color 82DFD9.

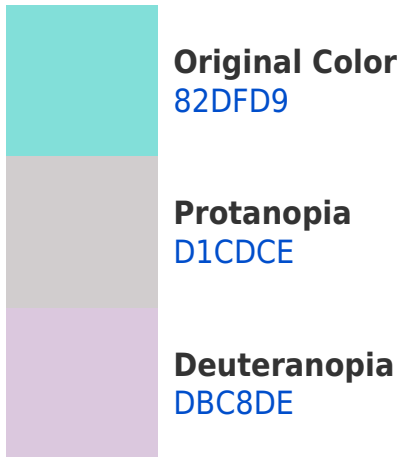


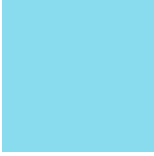
This preview shows how white text looks on a background with the Hex color 82DFD9.

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
88DCEE

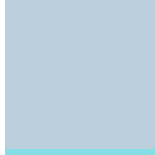
Trichromacy



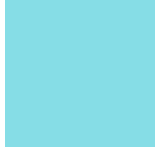
Original Color
82DFD9



Protanomaly
B4D4D2



Deuteranomaly
BBD0DC

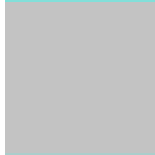


Tritanomaly
86DDE6

Monochromacy



Original Color
82DFD9



Achromatopsia
C3C3C3



Achromatomaly
ABCDCB

CSS Examples

Text

The CSS property to change the color of the text to Hex 82DFD9 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 #82DFD9 looks like.

```
.text, #text, p{  
    color:#82DFD9  
}
```

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 #82DFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DFD9
}
```

Border

The CSS property to change the border of an element to Hex 82DFD9 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
#82DFD9 }
```

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

```
.border{ border-color:#82DFD9 }
```

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

Here you see how a box with a 4 pixel #82DFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DFD9; -webkit-box-shadow:4px 4px  
4px 4px #82DFD9; box-shadow:4px 4px 4px  
4px #82DFD9 }
```

Background

The CSS property to change the background color of an element to Hex 82DFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DFD9 }
```

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

```
.background{ background-color:#82DFD9 }
```

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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