

Converting Colors

Hex(82DCCD)

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

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Color

Hex(82DCCD)

Conversions

Conversions Part 1

Format	Color
Hex	82DCCD
RGB	130, 220, 205
RGB Percent	51%, 86%, 80%
CMY	0.4902, 0.1373, 0.1961
CMYK	0.41, 0.00, 0.07, 0.14
HSL	170°, 56%, 69%
HSV	170°, 41%, 86%
XYZ	45.8186, 60.3400, 66.9895
YIQ	191.3800, -48.8250, -23.7450

Conversions

Conversions Part 2

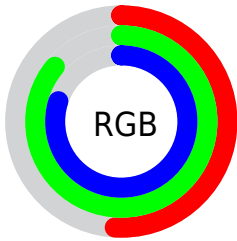
Format	Color
RYB	130, 179, 220
Decimal	8576205
CIELab	82.02, -30.46, -1.10
CIELCh	82, 30.485, 182.065
Yxy	60.3400, 0.2646, 0.3485
Android (android.graphics.Color)	4286766285 (0xFF82DCCD)
YUV	191.3800, 6.7147, -53.8303
Hunter-Lab	77.6788, -30.6504, 3.2440

Details

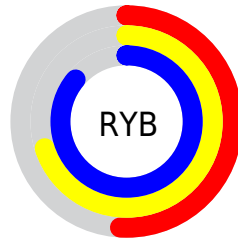
The Hex color **82DCCD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC8291**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BBFFFF**, and **4AA597** is the 20% darker color. If you saturate the color by 10%, you get **6CDCC9**, and if you desaturate by 10%, it is **98DCD1**.

Distribution



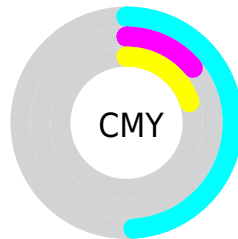
- Red (51%)
- Green (86%)
- Blue (80%)



- Red (51%)
- Yellow (70%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 82DCCD

 82DCCD

FFFFFF

 66C0B2

 BBFFFF

 4AA597

 D8FFFF

 2B8A7D

 F5FFFF

 007064

 00574C

 003F36

 002920

 000E0A

 000000

 82DCCD

 82DCCD

 6CDCC9

 98DCD1

 56DCC6

 AEDCD4

 40DCC2

 C4DCD8

 2ADCBE

 DADCDC

 14DCBB

 F0DCDF

 00DCB7

 FFDCE3

 FFDCE7

 FFDCEA

 FFDCEE

Harmonies

Analogous

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



9FD9B0



82DCCD



75DBE9

Triad

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



82DCCD



D3C4FC



F7C19A

Complementary

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



82DCCD



DC8291

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.



FFB9AF



82DCCD



F2BBE7

Square

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



82DCCD



ABCEFF



FFB7CB



DFCB93

Rectangle

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



82DCCD



7DD8F8



FFB7CB



FDBEA0

Sweetspot

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



82DCCD



E0FFFA



91DC82



6E807D



000000



808080

Same Dimension

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



82DCCD



82FFEA



82BEDC



636E6C



00AD90



002E26

Inverse Universe

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



DC8291



FF8297



DCA082



6E6365



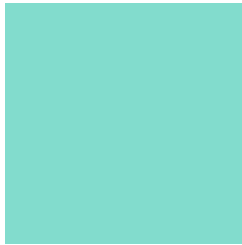
AD001D



2E0008

Previews

White Background



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

Color Contrast Check

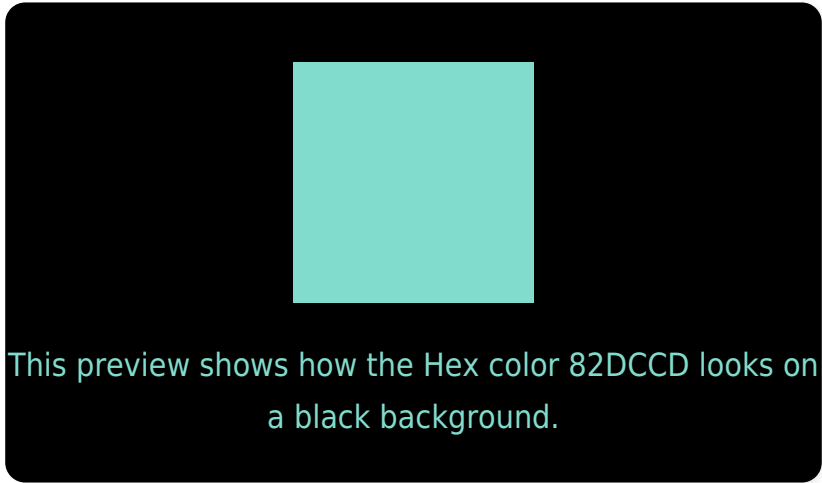
Large Text (above 18pt) WCAG AA × Fail

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 82DCCD Background



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

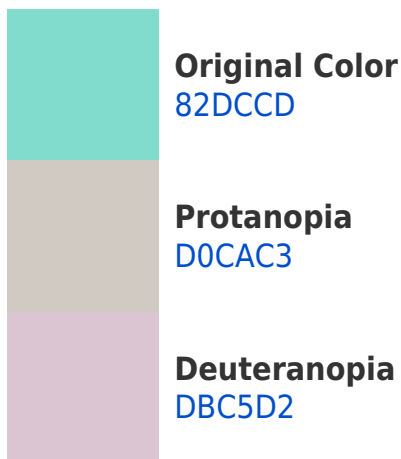


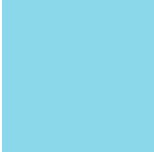
This preview shows how white text looks on a background with the Hex color 82DCCD.

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
8AD8E9

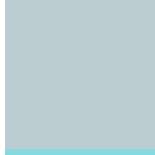
Trichromacy



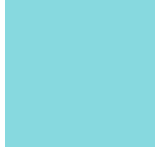
Original Color
82DCCD



Protanomaly
B4D1C7



Deuteranomaly
BBCDD0

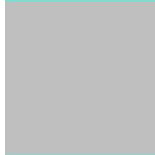


Tritanomaly
87D9DF

Monochromacy



Original Color
82DCCD



Achromatopsia
BFBFBF



Achromatomaly
A9CAC4

CSS Examples

Text

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

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

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 #82DCCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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