

Converting Colors

Hex(80DFDF)

Have a look what the booklet for
Hex(80DFDF) contains.

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Color

Hex(80DFDF)

Conversions

Conversions Part 1

Format	Color
Hex	80DFDF
RGB	128, 223, 223
RGB Percent	50%, 87%, 87%
CMY	0.4980, 0.1255, 0.1255
CMYK	0.43, 0.00, 0.00, 0.13
HSL	180°, 60%, 69%
HSV	180°, 43%, 87%
XYZ	48.6090, 62.6923, 79.3509
YIQ	194.5950, -56.6200, -20.1400

Conversions

Conversions Part 2

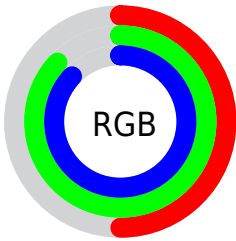
Format	Color
RYB	128, 176, 223
Decimal	8445919
CIELab	83.28, -28.08, -8.81
CIElCh	83, 29.432, 197.415
Yxy	62.6923, 0.2550, 0.3288
Android (android.graphics.Color)	4286635999 (0xFF80DFDF)
YUV	194.5950, 14.0037, -58.4038
Hunter-Lab	79.1784, -28.9780, -3.9942

Details

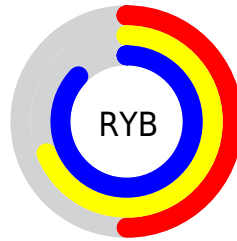
The Hex color **80DFDF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF8080**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BAFFFF**, and **46A7A8** is the 20% darker color. If you saturate the color by 10%, you get **6ADDFD**, and if you desaturate by 10%, it is **96DFDF**.

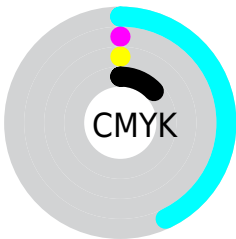
Distribution



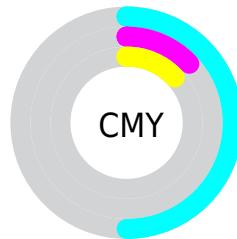
- Red (50%)
- Green (87%)
- Blue (87%)



- Red (50%)
- Yellow (69%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80DFDF 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 80DFDF by changing the saturation by 10% instead.

 80DFDF

 80DFDF

FFFFFF

 63C3C3

 BAFFFF

 46A7A8

 D7FFFF

 248D8E

 F5FFFF

 007374

 005A5B

 004244

 002B2E

 001419

 000000

 80DFDF

 80DFDF

 6ADDFD

 96DFDF

 53DFDF

 ADDDFD

 3DDDFD

 C3DFDF

 27DFDF

 D9DFDF

 10DFDF

 F0DFDF

 00DFDF

 FFDFDF

Harmonies

Analogous

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



95DEC2



80DFDF



82DCF7

Triad

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



80DFDF



E7C3F5



EFC9A9

Complementary

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



80DFDF



DF8080

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.



FFC1A8



80DFDF



FFBDDC

Square

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



80DFDF



C4CCFF



FFBCC0



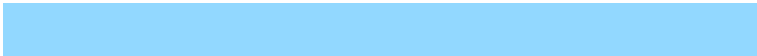
D3D39A

Rectangle

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



80DFDF



92D8FF



FFBCC0



F6C79D

Sweetspot

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



80DFDF



DEFFFF



80DF80



6B8080



000000



808080

Same Dimension

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



80DFDF



7DFFFF



80B0DF



657070



00B0B0



003030

Inverse Universe

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



DF80DF



FF7DFF



DFB080



706570



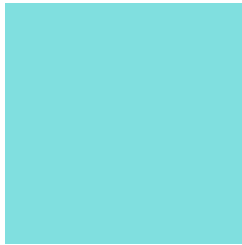
B000B0



300030

Previews

White Background



This preview shows how the Hex color 80DFDF looks on a white background.

Color Contrast Check

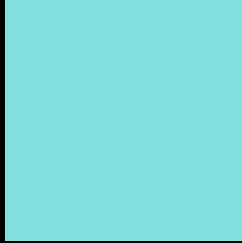
Large Text (above 18pt) WCAG AA × Fail

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 80DFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

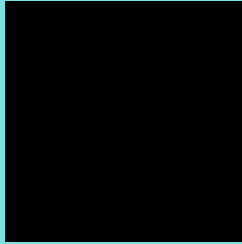
Any Text WCAG AA ✓ Pass

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 80DFDF Background



This preview shows how black text looks on a background with the Hex color 80DFDF.

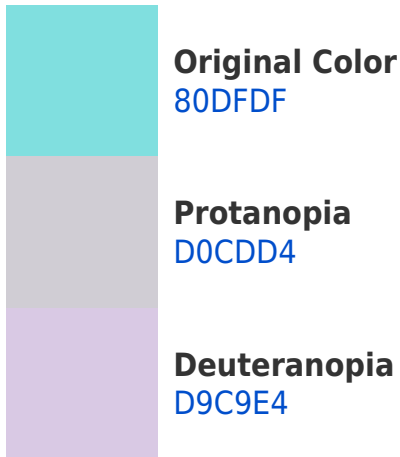


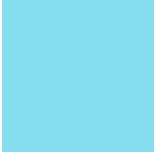
This preview shows how white text looks on a background with the Hex color 80DFDF.

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](#).

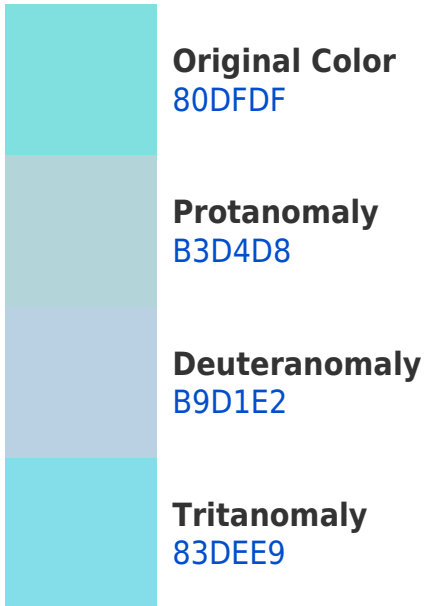
Dichromacy



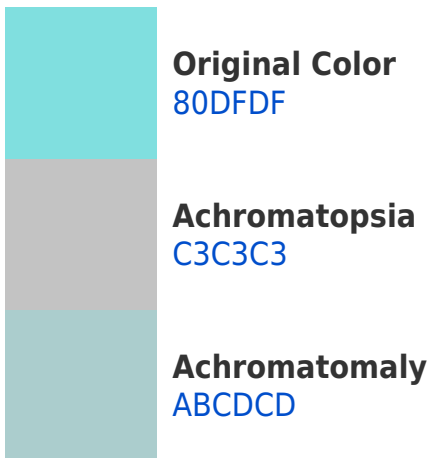


Tritanopia
85DDEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80DFDF 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 #80DFDF looks like.

```
.text, #text, p{  
    color:#80DFDF  
}
```

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 #80DFDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80DFDF
}
```

Border

The CSS property to change the border of an element to Hex 80DFDF 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
#80DFDF }
```

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

```
.border{ border-color:#80DFDF }
```

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

Here you see how a box with a 4 pixel #80DFDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80DFDF; -webkit-box-shadow:4px 4px  
4px 4px #80DFDF; box-shadow:4px 4px 4px  
4px #80DFDF }
```

Background

The CSS property to change the background color of an element to Hex 80DFDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80DFDF }
```

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

```
.background{ background-color:#80DFDF }
```

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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