

Converting Colors

Hex(80D9D9)

Have a look what the booklet for
Hex(80D9D9) contains.

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Color

Hex(80D9D9)

Conversions

Conversions Part 1

Format	Color
Hex	80D9D9
RGB	128, 217, 217
RGB Percent	50%, 85%, 85%
CMY	0.4980, 0.1490, 0.1490
CMYK	0.41, 0.00, 0.00, 0.15
HSL	180°, 54%, 68%
HSV	180°, 41%, 85%
XYZ	46.2393, 59.2247, 74.6401
YIQ	190.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

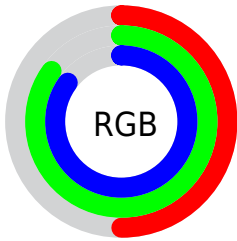
Format	Color
RYB	128, 173, 217
Decimal	8444377
CIELab	81.41, -26.65, -8.39
CIElCh	81, 27.938, 197.476
Yxy	59.2247, 0.2567, 0.3288
Android (android.graphics.Color)	4286634457 (0xFF80D9D9)
YUV	190.3890, 13.1192, -54.7152
Hunter-Lab	76.9576, -27.4254, -3.6343

Details

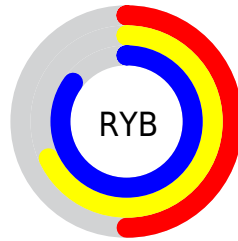
The Hex color **80D9D9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D98080**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B9FFFF**, and **47A2A2** is the 20% darker color. If you saturate the color by 10%, you get **6AD9D9**, and if you desaturate by 10%, it is **96D9D9**.

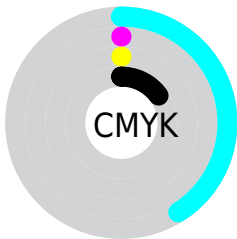
Distribution



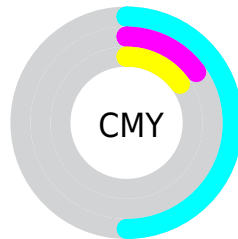
- Red (50%)
- Green (85%)
- Blue (85%)



- Red (50%)
- Yellow (68%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D9D9 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 80D9D9 by changing the saturation by 10% instead.

 80D9D9

 80D9D9

FFFFFF

 64BDBD

 B9FFFF

 47A2A2

 D6FFFF

 278788

 F4FFFF

 006E6F

 005556

 003D3F

 002729

 000B15

 000000

 80D9D9

 80D9D9

 6AD9D9

 96D9D9

 55D9D9

 ABD9D9

 3FD9D9

 C1D9D9

 29D9D9

 D7D9D9

 13D9D9

 EDD9D9

 00D9D9

 FFD9D9

Harmonies

Analogous

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



93D8BE



80D9D9



82D6F0

Triad

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



80D9D9



E1BFEE



E8C598

Complementary

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



80D9D9



D98080

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.



FABDA5



80D9D9



F8B8D6

Square

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



80D9D9



C0C7FC



FFB8BC



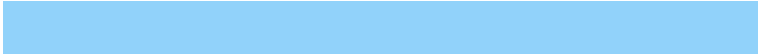
CECD98

Rectangle

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



80D9D9



91D2FA



FFB8BC



EFC29B

Sweetspot

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



80D9D9



E0FFFF



80D980



6E8080



000000



808080

Same Dimension

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



80D9D9



82FFFF



80ADD9



636E6E



00ADAD



002E2E

Inverse Universe

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



D980D9



FF82FF



D9AD80



6E636E



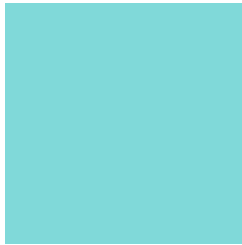
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 80D9D9 looks on a white background.

Color Contrast Check

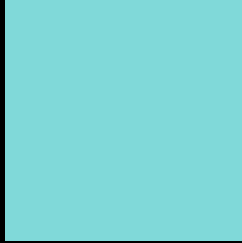
Large Text (above 18pt) WCAG AA × Fail

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 80D9D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

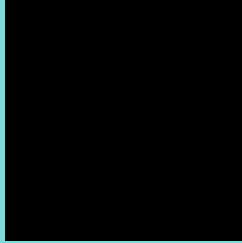
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

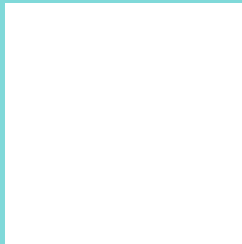
Any Text WCAG AAA ✓ Pass

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

Hex 80D9D9 Background



This preview shows how black text looks on a background with the Hex color 80D9D9.



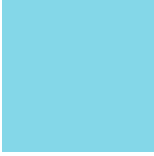
This preview shows how white text looks on a background with the Hex color 80D9D9.

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](#).

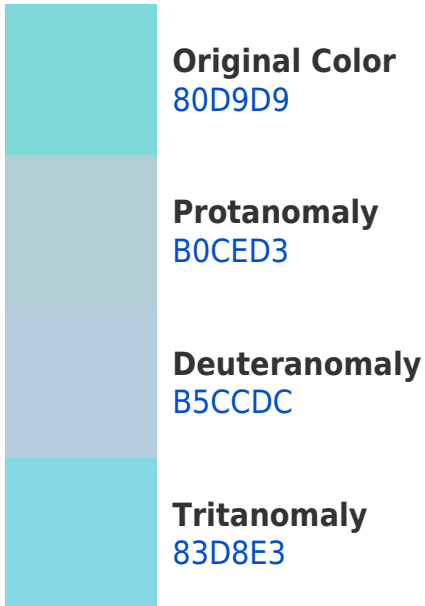
Dichromacy





Tritanopia
84D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D9D9 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 #80D9D9 looks like.

```
.text, #text, p{  
    color:#80D9D9  
}
```

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 #80D9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D9D9
}
```

Border

The CSS property to change the border of an element to Hex 80D9D9 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
#80D9D9 }
```

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

```
.border{ border-color:#80D9D9 }
```

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

Here you see how a box with a 4 pixel #80D9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D9D9; -webkit-box-shadow:4px 4px  
4px 4px #80D9D9; box-shadow:4px 4px 4px  
4px #80D9D9 }
```

Background

The CSS property to change the background color of an element to Hex 80D9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D9D9 }
```

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

```
.background{ background-color:#80D9D9 }
```

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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