

Converting Colors

Hex(80DED0)

Have a look what the booklet for
Hex(80DED0) contains.

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Color

Hex(80DED0)

Conversions

Conversions Part 1

Format	Color
Hex	80DED0
RGB	128, 222, 208
RGB Percent	50%, 87%, 82%
CMY	0.4980, 0.1294, 0.1843
CMYK	0.42, 0.00, 0.06, 0.13
HSL	171°, 59%, 69%
HSV	171°, 42%, 87%
XYZ	46.4085, 61.3858, 69.0772
YIQ	192.2980, -51.5300, -24.2820

Conversions

Conversions Part 2

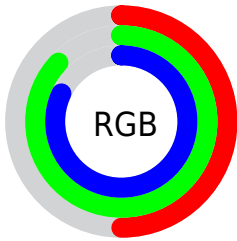
Format	Color
RYB	128, 179, 222
Decimal	8445648
CIELab	82.59, -31.22, -1.88
CIElCh	83, 31.273, 183.440
Yxy	61.3858, 0.2624, 0.3471
Android (android.graphics.Color)	4286635728 (0xFF80DED0)
YUV	192.2980, 7.7411, -56.3893
Hunter-Lab	78.3491, -31.3800, 2.5708

Details

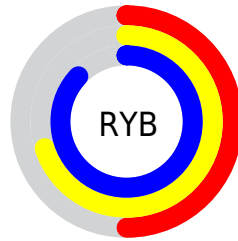
The Hex color **80DED0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE808E**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B9FFFF**, and **47A69A** is the 20% darker color. If you saturate the color by 10%, you get **6ADECD**, and if you desaturate by 10%, it is **96DED3**.

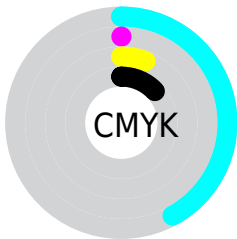
Distribution



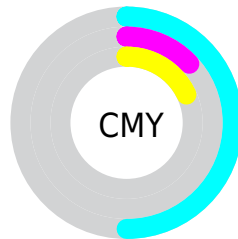
- Red (50%)
- Green (87%)
- Blue (82%)



- Red (50%)
- Yellow (70%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (50%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80DED0 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 80DED0 by changing the saturation by 10% instead.

 80DED0

 80DED0

FFFFFF

 64C2B4

 B9FFFF

 47A69A

 D6FFFF

 278C80

 F4FFFF

 007267

 00594F

 004138

 002A23

 00110D

 000000

 80DED0

 80DED0

 6ADECD

 96DED3

 54DEC9


 ACDED7

 3DDEC6

 C3DEDA

 27DEC3

 D9DEDD

 11DEBF

 EFDEE1

 00DEBD

 FFDEE4

 FFDEE7

 FFDEEA

 FFDEEE

Harmonies

Analogous

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



9EDCB2



80DED0



74DDED

Triad

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



80DED0



D6C5FF



F9C39A

Complementary

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



80DED0



DE808E

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.



FFBBAF



80DED0



F6BCE8

Square

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



80DED0



ADCFF



FFB8CB



DFCD93

Rectangle

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



80DED0



7DDAFC



FFB8CB



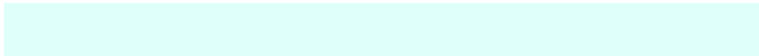
FFC09F

Sweetspot

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



80DED0



DEFFFA



8EDE80



6B807C



000000



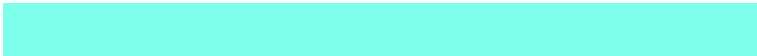
808080

Same Dimension

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



80DED0



7DFFEC



80BDDE



65706F



00B096



003029

Inverse Universe

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



DE808E



FF7D90



DEA180



706567



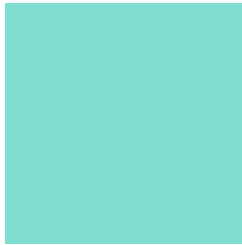
B0001A



300007

Previews

White Background



This preview shows how the Hex color 80DED0 looks on a white background.

Color Contrast Check

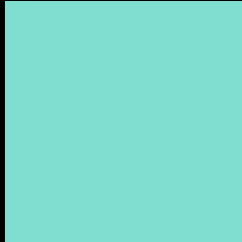
Large Text (above 18pt) WCAG AA × Fail

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 80DED0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

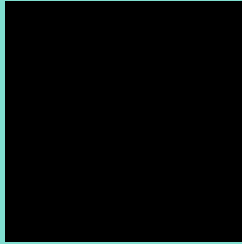
Any Text WCAG AA ✓ Pass

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 80DED0 Background



This preview shows how black text looks on a background with the Hex color 80DED0.

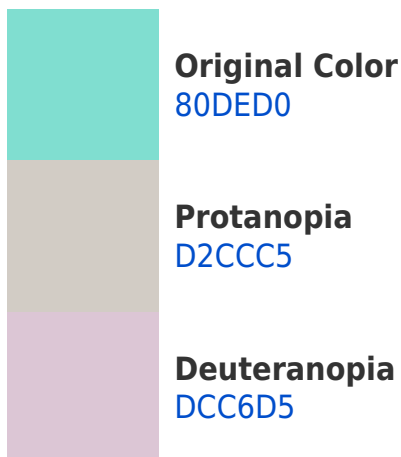


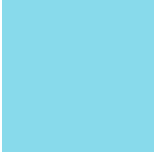
This preview shows how white text looks on a background with the Hex color 80DED0.

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](#).

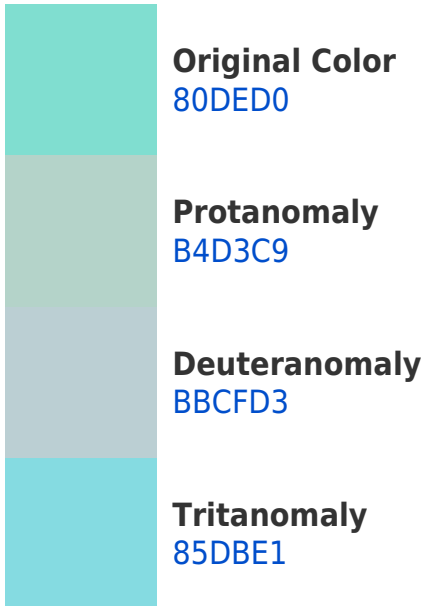
Dichromacy



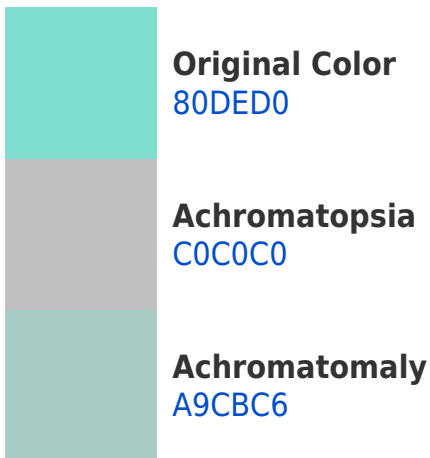


Tritanopia
88DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80DED0 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 #80DED0 looks like.

```
.text, #text, p{  
    color:#80DED0  
}
```

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 #80DED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80DED0
}
```

Border

The CSS property to change the border of an element to Hex 80DED0 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
#80DED0 }
```

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

```
.border{ border-color:#80DED0 }
```

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

Here you see how a box with a 4 pixel #80DED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80DED0; -webkit-box-shadow:4px 4px  
4px 4px #80DED0; box-shadow:4px 4px 4px  
4px #80DED0 }
```

Background

The CSS property to change the background color of an element to Hex 80DED0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80DED0 }
```

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

```
.background{ background-color:#80DED0 }
```

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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