

Converting Colors

Hex(80D5C5)

Have a look what the booklet for
Hex(80D5C5) contains.

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Color

Hex(80D5C5)

Conversions

Conversions Part 1

Format	Color
Hex	80D5C5
RGB	128, 213, 197
RGB Percent	50%, 84%, 77%
CMY	0.4980, 0.1647, 0.2275
CMYK	0.40, 0.00, 0.08, 0.16
HSL	169°, 50%, 67%
HSV	169°, 40%, 84%
XYZ	42.7744, 56.2089, 61.4183
YIQ	185.7610, -45.5240, -22.9960

Conversions

Conversions Part 2

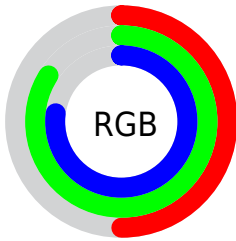
Format	Color
RYB	128, 175, 213
Decimal	8443333
CIELab	79.73, -29.48, -0.19
CIELCh	80, 29.477, 180.378
Yxy	56.2089, 0.2667, 0.3504
Android (android.graphics.Color)	4286633413 (0xFF80D5C5)
YUV	185.7610, 5.5408, -50.6564
Hunter-Lab	74.9726, -29.3618, 3.9099

Details

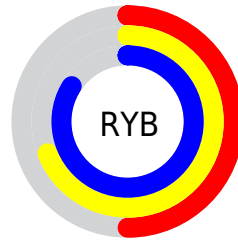
The Hex color **80D5C5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D58090**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FFFE**, and **499E8F** is the 20% darker color. If you saturate the color by 10%, you get **6BD5C1**, and if you desaturate by 10%, it is **95D5C9**.

Distribution



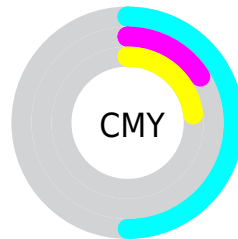
- Red (50%)
- Green (84%)
- Blue (77%)



- Red (50%)
- Yellow (69%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D5C5 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 80D5C5 by changing the saturation by 10% instead.

 80D5C5

 80D5C5

FFFFFF

 64B9AA

 B8FFFE

 499E8F

 D5FFFF

 2B8476

 F2FFFF

 006A5D

 005146

 003A2F

 00241B

 000000

 80D5C5

 80D5C5

 6BD5C1

 95D5C9

 55D5BD

 ABD5CD

 40D5B9

 C0D5D1

 2BD5B5

 D5D5D5

 15D5B1

 EBD5D9

 00D5AD

 FFD5DD

 FFD5E1

 FFD5E5

 FFD5E9

Harmonies

Analogous

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



9CD2AA



80D5C5



73D4E0

Triad

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



80D5C5



CABEF5



F0BB97

Complementary

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



80D5C5



D58090

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.



FCB4AB



80D5C5



E9B6E1

Square

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



80D5C5



A4C8FC



FBB2C6



D9C48F

Rectangle

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



80D5C5



79D2EF



FBB2C6



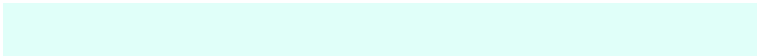
F6B89C

Sweetspot

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



80D5C5



E0FFF9



91D580



6E807C



000000



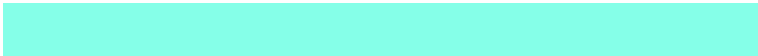
808080

Same Dimension

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



80D5C5



85FFE8



80BBD5



606B69



00AB8B



002B23

Inverse Universe

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



D58090



FF859C



D59A80



6B6062



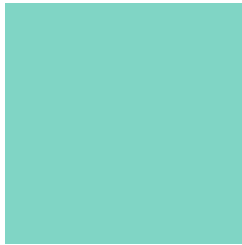
AB0020



2B0008

Previews

White Background



This preview shows how the Hex color 80D5C5 looks on a white background.

Color Contrast Check

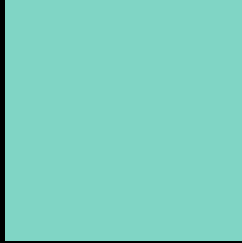
Large Text (above 18pt) WCAG AA × Fail

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 80D5C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

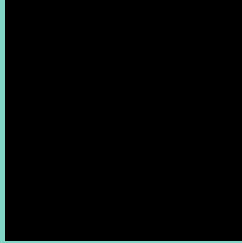
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

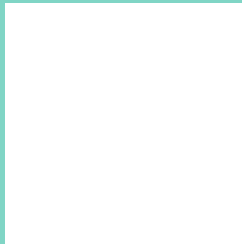
Any Text WCAG AAA ✓ Pass

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

Hex 80D5C5 Background



This preview shows how black text looks on a background with the Hex color 80D5C5.

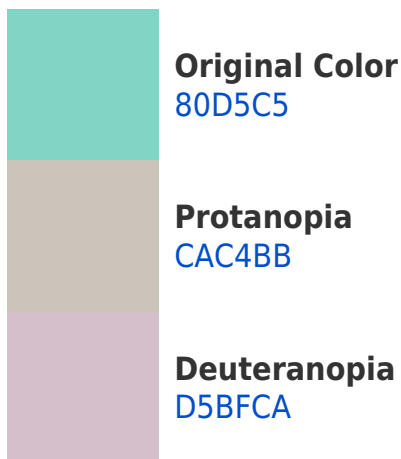


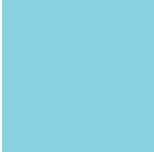
This preview shows how white text looks on a background with the Hex color 80D5C5.

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
87D1E2

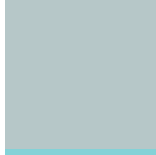
Trichromacy



Original Color
80D5C5



Protanomaly
AFCABF



Deuteranomaly
B6C7C8

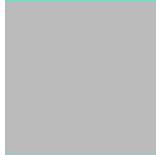


Tritanomaly
84D2D7

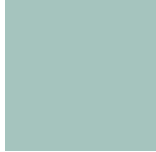
Monochromacy



Original Color
80D5C5



Achromatopsia
BABABA



Achromatomaly
A5C4BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D5C5 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 #80D5C5 looks like.

```
.text, #text, p{  
    color:#80D5C5  
}
```

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 #80D5C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D5C5
}
```

Border

The CSS property to change the border of an element to Hex 80D5C5 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
#80D5C5 }
```

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

```
.border{ border-color:#80D5C5 }
```

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

Here you see how a box with a 4 pixel #80D5C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D5C5; -webkit-box-shadow:4px 4px  
4px 4px #80D5C5; box-shadow:4px 4px 4px  
4px #80D5C5 }
```

Background

The CSS property to change the background color of an element to Hex 80D5C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D5C5 }
```

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

```
.background{ background-color:#80D5C5 }
```

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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