

Converting Colors

Hex(81D796)

Have a look what the booklet for
Hex(81D796) contains.

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Color

Hex(81D796)

Conversions

Conversions Part 1

Format	Color
Hex	81D796
RGB	129, 215, 150
RGB Percent	51%, 84%, 59%
CMY	0.4941, 0.1569, 0.4118
CMYK	0.40, 0.00, 0.30, 0.16
HSL	135°, 52%, 67%
HSV	135°, 40%, 84%
XYZ	38.8587, 55.4700, 37.5129
YIQ	181.8760, -30.3910, -38.4470

Conversions

Conversions Part 2

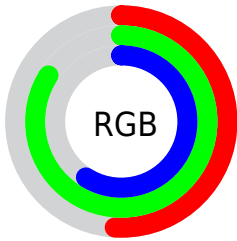
Format	Color
RYB	129, 198, 215
Decimal	8509334
CIELab	79.31, -39.73, 24.12
CIElCh	79, 46.478, 148.734
Yxy	55.4700, 0.2947, 0.4207
Android (android.graphics.Color)	4286699414 (0xFF81D796)
YUV	181.8760, -15.7149, -46.3723
Hunter-Lab	74.4782, -37.2051, 22.2718

Details

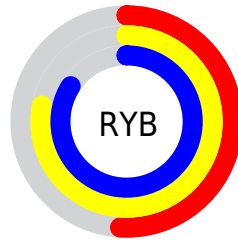
The Hex color **81D796** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D781C2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B9FFCC**, and **4AA063** is the 20% darker color. If you saturate the color by 10%, you get **6CD786**, and if you desaturate by 10%, it is **97D7A6**.

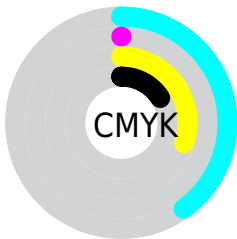
Distribution



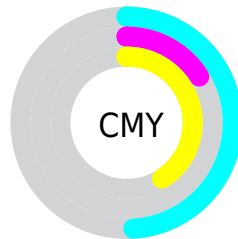
- Red (51%)
- Green (84%)
- Blue (59%)



- Red (51%)
- Yellow (78%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D796 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 81D796 by changing the saturation by 10% instead.

 81D796

 81D796

FFFFFF

 66BB7C

 B9FFCC

 4AA063

 D6FFE9

 2E854A

 F3FFFF


 076B33


 00521D

 003A05

 002600

 000000

 81D796

 81D796

 6CD786

 97D7A6

 56D776

 ACD7B7

 41D765

 C2D7C7

 2BD755

 D7D7D7

 15D745

 EDD7E7

 00D735

 FFD7F8

 FFD7FF

Harmonies

Analogous

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



B5CE77



81D796



3BDBC1

Triad

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



81D796



7EC9FF



FFA59D

Complementary

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



81D796



D781C2

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.



FFA2C8



81D796



C6BAFF

Square

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



81D796



00D5FF



F9AAF2



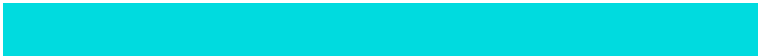
FFB27C

Rectangle

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



81D796



00DBDF



F9AAF2



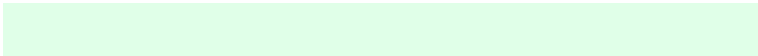
FFA3AB

Sweetspot

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



81D796



E0FFE8



C3D781



6E8072



000000



808080

Same Dimension

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



81D796



85FFA2



81D7C0



606B63



00AB2A



002B0B

Inverse Universe

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



D781C2



FF85E1



D78198



6B6068



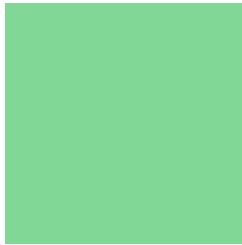
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 81D796 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 81D796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

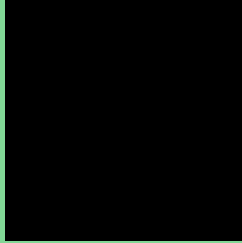
Any Text WCAG AA ✓ Pass

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 81D796 Background



This preview shows how black text looks on a background with the Hex color 81D796.

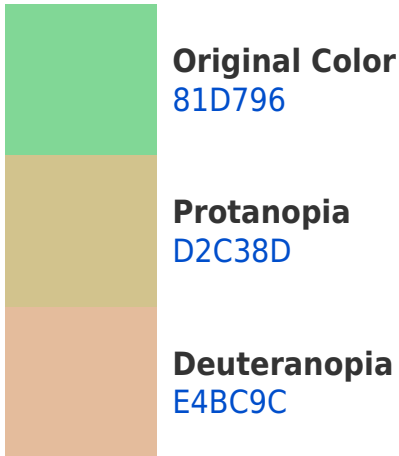


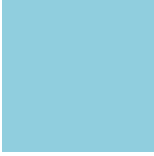
This preview shows how white text looks on a background with the Hex color 81D796.

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](#).

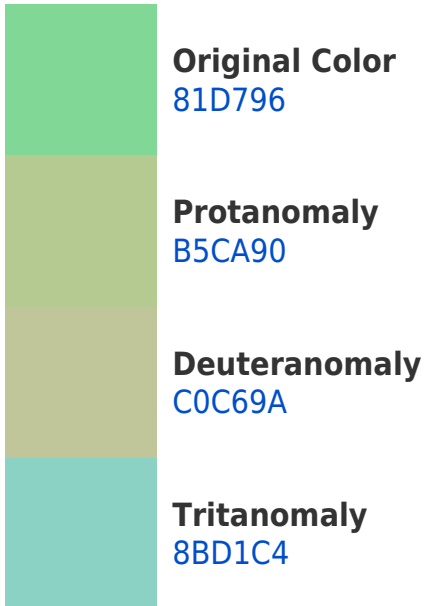
Dichromacy



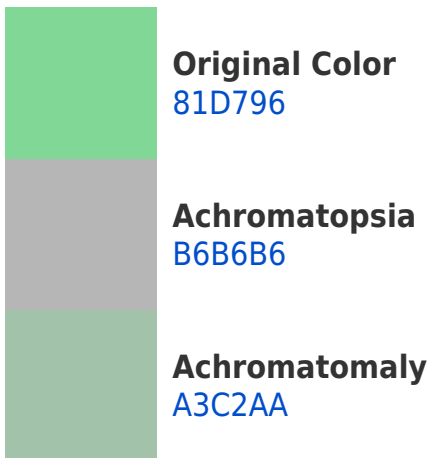


Tritanopia
90CEDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81D796 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 #81D796 looks like.

```
.text, #text, p{  
    color:#81D796  
}
```

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 #81D796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D796
}
```

Border

The CSS property to change the border of an element to Hex 81D796 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
#81D796 }
```

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

```
.border{ border-color:#81D796 }
```

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

Here you see how a box with a 4 pixel #81D796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D796; -webkit-box-shadow:4px 4px  
4px 4px #81D796; box-shadow:4px 4px 4px  
4px #81D796 }
```

Background

The CSS property to change the background color of an element to Hex 81D796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D796 }
```

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

```
.background{ background-color:#81D796 }
```

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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