

Converting Colors

Hex(81D096)

Have a look what the booklet for
Hex(81D096) contains.

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Color

Hex(81D096)

Conversions

Conversions Part 1

Format	Color
Hex	81D096
RGB	129, 208, 150
RGB Percent	51%, 82%, 59%
CMY	0.4941, 0.1843, 0.4118
CMYK	0.38, 0.00, 0.28, 0.18
HSL	136°, 46%, 66%
HSV	136°, 38%, 82%
XYZ	37.1142, 51.9809, 36.9314
YIQ	177.7670, -28.4660, -34.7860

Conversions

Conversions Part 2

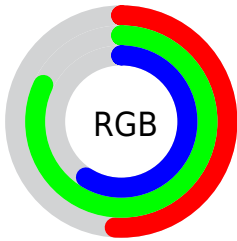
Format	Color
RYB	129, 191, 208
Decimal	8507542
CIELab	77.27, -36.57, 21.33
CIELCh	77, 42.332, 149.743
Yxy	51.9809, 0.2945, 0.4125
Android (android.graphics.Color)	4286697622 (0xFF81D096)
YUV	177.7670, -13.6891, -42.7687
Hunter-Lab	72.0978, -34.2837, 20.0977

Details

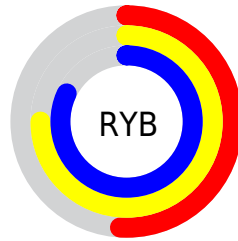
The Hex color **81D096** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D081BB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B8FFCC**, and **4B9963** is the 20% darker color. If you saturate the color by 10%, you get **6CD087**, and if you desaturate by 10%, it is **96D0A5**.

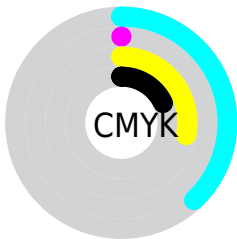
Distribution



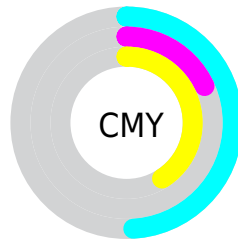
- Red (51%)
- Green (82%)
- Blue (59%)



- Red (51%)
- Yellow (75%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)




- Cyan (49%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D096 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 81D096 by changing the saturation by 10% instead.

 81D096

 81D096

FFFFFF

 66B47C

 B8FFCC

 4B9963

 D5FFE9

 307F4B

 F2FFFF

 0F6534

 004D1D

 003506

 002100

 000000

 81D096

 81D096

 6CD087

 96D0A5

 57D077

 ABD0B5

 43D068

 BFD0C4

 2ED059

 D4D0D3

 19D04A

 E9D0E2

 04D03A

 FED0F2

 00D037

 FFD0FF

Harmonies

Analogous

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



B0C879



81D096



49D4BD

Triad

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



81D096



84C3FF



FFA39A

Complementary

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



81D096



D081BB

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.



FFA0C1



81D096



C3B5FF

Square

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



81D096



37CDFE



F0A7E7



F8AF7C

Rectangle

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



81D096



14D4D8



F0A7E7



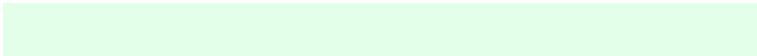
FFA1A6

Sweetspot

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



81D096



E3FFEA



BCD081



6F8073



000000



808080

Same Dimension

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



81D096



8AFFA9



81D0BC



5E6961



00A82D



00290B

Inverse Universe

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



D081BB



FF8AE0



D08195



695E66



A8007C



29001E

Previews

White Background



This preview shows how the Hex color 81D096 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 81D096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

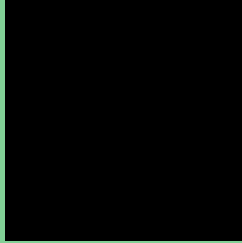
Any Text WCAG AA ✓ Pass

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 81D096 Background



This preview shows how black text looks on a background with the Hex color 81D096.

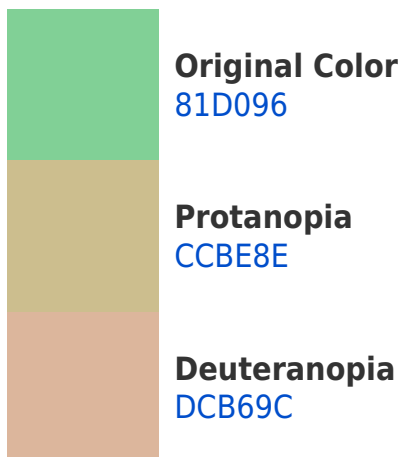


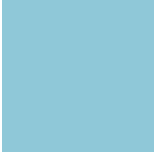
This preview shows how white text looks on a background with the Hex color 81D096.

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
8FC8D8

Trichromacy



Original Color
81D096



Protanomaly
B1C591



Deuteranomaly
BBBF9A



Tritanomaly
8ACBC0

Monochromacy



Original Color
81D096



Achromatopsia
B2B2B2



Achromatomaly
A0BDA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 81D096 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 #81D096 looks like.

```
.text, #text, p{  
    color:#81D096  
}
```

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 #81D096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D096
}
```

Border

The CSS property to change the border of an element to Hex 81D096 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
#81D096 }
```

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

```
.border{ border-color:#81D096 }
```

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

Here you see how a box with a 4 pixel #81D096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D096; -webkit-box-shadow:4px 4px  
4px 4px #81D096; box-shadow:4px 4px 4px  
4px #81D096 }
```

Background

The CSS property to change the background color of an element to Hex 81D096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D096 }
```

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

```
.background{ background-color:#81D096 }
```

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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