

Converting Colors

Hex(81D56D)

Have a look what the booklet for
Hex(81D56D) contains.

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Color

Hex(81D56D)

Conversions

Conversions Part 1

Format	Color
Hex	81D56D
RGB	129, 213, 109
RGB Percent	51%, 84%, 43%
CMY	0.4941, 0.1647, 0.5725
CMYK	0.39, 0.00, 0.49, 0.16
HSL	108°, 55%, 63%
HSV	108°, 49%, 84%
XYZ	35.6078, 53.3598, 22.8907
YIQ	176.0280, -16.6800, -50.1520

Conversions

Conversions Part 2

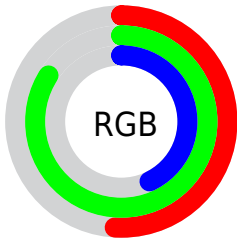
Format	Color
RYB	109, 213, 193
Decimal	8508781
CIELab	78.09, -45.10, 43.30
CIELCh	78, 62.520, 136.170
Yxy	53.3598, 0.3183, 0.4770
Android (android.graphics.Color)	4286698861 (0xFF81D56D)
YUV	176.0280, -33.0448, -41.2436
Hunter-Lab	73.0478, -40.8221, 32.5539

Details

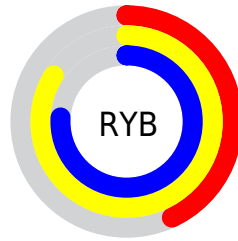
The Hex color **81D56D** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C16DD5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BAFFA2**, and **499E3A** is the 20% darker color. If you saturate the color by 10%, you get **70D558**, and if you desaturate by 10%, it is **92D582**.

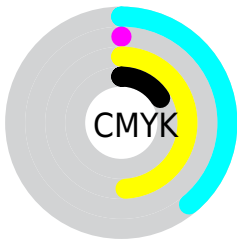
Distribution



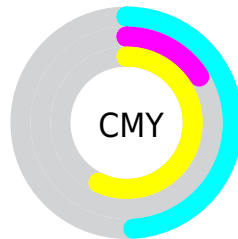
- Red (51%)
- Green (84%)
- Blue (43%)



- Red (43%)
- Yellow (84%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (49%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D56D 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 81D56D by changing the saturation by 10% instead.

 81D56D

 81D56D

FFFFFF

 65B953

 BAFFA2

 499E3A

 D6FFBE

 2B8320

 F4FFDA

 006900

 FFFFF7

 005000

 003800

 002300

 000000

 81D56D

 81D56D

 70D558

 92D582

 5FD542

 A3D598

 4DD52D

 B5D5AD

 3CD518

 C6D5C2

 2BD502

 D7D5D7

 29D500

 E8D5ED

 F9D5FF

 FFD5FF

Harmonies

Analogous

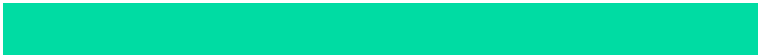
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C3C84A



81D56D



00DCA3

Triad

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



81D56D



00CFFF



FF8FA4

Complementary

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



81D56D



C16DD5

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.



FF92DE



81D56D



95BCFF

Square

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



81D56D



00DAFF



EDA5FF



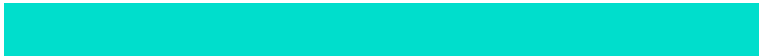
FF9E70

Rectangle

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



81D56D



00DECC



EDA5FF



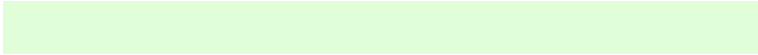
FF8DB7

Sweetspot

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



81D56D



E0FFD9



D5C06D



6D8069



000000



808080

Same Dimension

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



81D56D



85FF69



6DD58C



626B60



21AB00



082B00

Inverse Universe

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



C16DD5



E269FF



D56DB6



69606B



8A00AB



23002B

Previews

White Background



This preview shows how the Hex color 81D56D 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 81D56D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

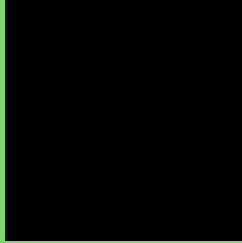
Any Text WCAG AA ✓ Pass

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 81D56D Background



This preview shows how black text looks on a background with the Hex color 81D56D.

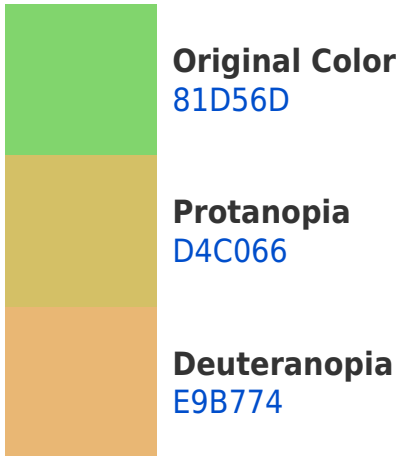


This preview shows how white text looks on a background with the Hex color 81D56D.

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](#).

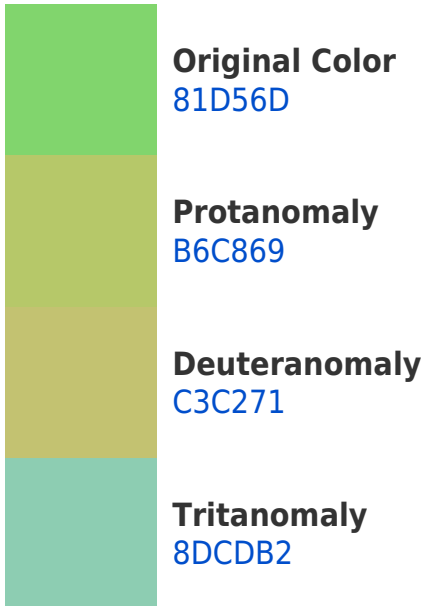
Dichromacy



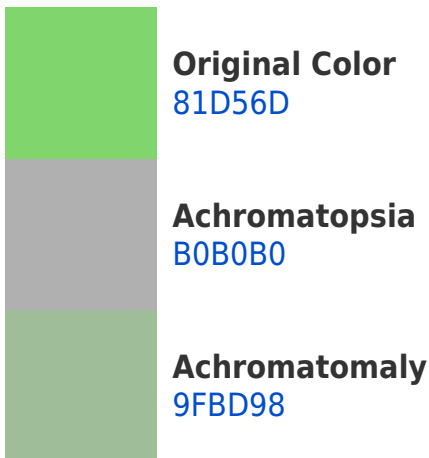


Tritanopia
94C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81D56D 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 #81D56D looks like.

```
.text, #text, p{  
    color:#81D56D  
}
```

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 #81D56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D56D
}
```

Border

The CSS property to change the border of an element to Hex 81D56D 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
#81D56D }
```

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

```
.border{ border-color:#81D56D }
```

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

Here you see how a box with a 4 pixel #81D56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D56D; -webkit-box-shadow:4px 4px  
4px 4px #81D56D; box-shadow:4px 4px 4px  
4px #81D56D }
```

Background

The CSS property to change the background color of an element to Hex 81D56D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D56D }
```

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

```
.background{ background-color:#81D56D }
```

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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