

Converting Colors

Hex(80D6A3)

Have a look what the booklet for
Hex(80D6A3) contains.

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Color

Hex(80D6A3)

Conversions

Conversions Part 1

Format	Color
Hex	80D6A3
RGB	128, 214, 163
RGB Percent	50%, 84%, 64%
CMY	0.4980, 0.1608, 0.3608
CMYK	0.40, 0.00, 0.24, 0.16
HSL	144°, 51%, 67%
HSV	144°, 40%, 84%
XYZ	39.5595, 55.3267, 43.2444
YIQ	182.4720, -34.8850, -34.0930

Conversions

Conversions Part 2

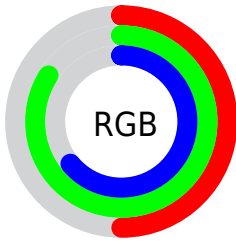
Format	Color
RYB	128, 189, 214
Decimal	8443555
CIELab	79.23, -37.16, 17.18
CIElCh	79, 40.934, 155.191
Yxy	55.3267, 0.2864, 0.4005
Android (android.graphics.Color)	4286633635 (0xFF80D6A3)
YUV	182.4720, -9.5997, -47.7719
Hunter-Lab	74.3819, -35.2343, 17.5971

Details

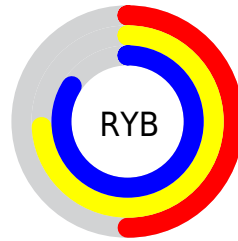
The Hex color **80D6A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D680B3**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B8FFDA**, and **499F6F** is the 20% darker color. If you saturate the color by 10%, you get **6BD696**, and if you desaturate by 10%, it is **95D6B0**.

Distribution



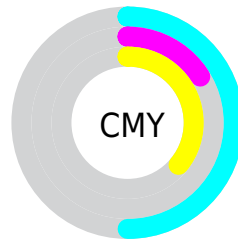
- Red (50%)
- Green (84%)
- Blue (64%)



- Red (50%)
- Yellow (74%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D6A3 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 80D6A3 by changing the saturation by 10% instead.

 80D6A3

 80D6A3

FFFFFF

 65BA89

 B8FFDA

 499F6F

 D5FFF7

 2D8457

 F2FFFF

 056A3F

 005229

 003A14

 002500

 000000

 80D6A3

 80D6A3

 6BD696

 95D6B0

 55D68A

 ABD6BC

 40D67D

 C0D6C9

 2AD670

 D6D6D6

 15D664

 EBD6E2

 00D657

 FFD6EF

 FFD6FC

 FFD6FF

Harmonies

Analogous

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



AECF85



80D6A3



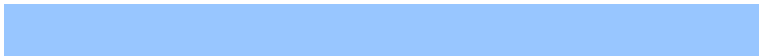
4DD9CA

Triad

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



80D6A3



98C6FF



FFAB9A

Complementary

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



80D6A3



D680B3

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.



FFA7BF



80D6A3



D1B8FF

Square

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



80D6A3



57D1FF



FAACE5



F8B780

Rectangle

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



80D6A3



2DD8E3



FAACE5



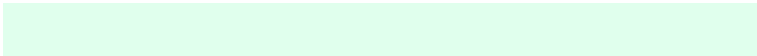
FFA9A6

Sweetspot

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



80D6A3



E0FFED



B4D680



6E8075



000000



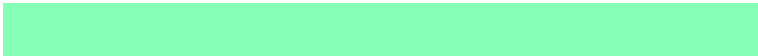
808080

Same Dimension

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



80D6A3



85FFB6



80D6CD



606B65



00AB46



002B12

Inverse Universe

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



D680B3



FF85CD



D68089



6B6067



AB0065



2B001A

Previews

White Background



This preview shows how the Hex color 80D6A3 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 80D6A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

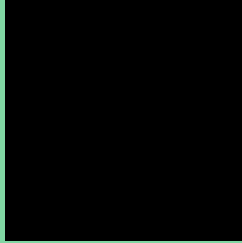
Any Text WCAG AA ✓ Pass

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 80D6A3 Background



This preview shows how black text looks on a background with the Hex color 80D6A3.

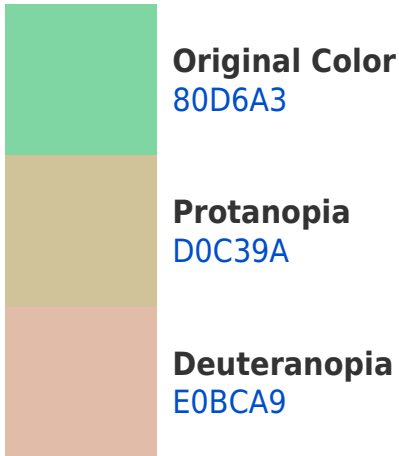


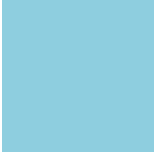
This preview shows how white text looks on a background with the Hex color 80D6A3.

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
8ECEDF

Trichromacy



Original Color
80D6A3



Protanomaly
B3CA9D



Deuteranomaly
BDC5A7



Tritanomaly
89D1C9

Monochromacy



Original Color
80D6A3



Achromatopsia
B6B6B6



Achromatomaly
A2C2AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D6A3 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 #80D6A3 looks like.

```
.text, #text, p{  
    color:#80D6A3  
}
```

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 #80D6A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D6A3
}
```

Border

The CSS property to change the border of an element to Hex 80D6A3 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
#80D6A3 }
```

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

```
.border{ border-color:#80D6A3 }
```

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

Here you see how a box with a 4 pixel #80D6A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D6A3; -webkit-box-shadow:4px 4px  
4px 4px #80D6A3; box-shadow:4px 4px 4px  
4px #80D6A3 }
```

Background

The CSS property to change the background color of an element to Hex 80D6A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D6A3 }
```

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

```
.background{ background-color:#80D6A3 }
```

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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