

Converting Colors

Hex(80D16A)

Have a look what the booklet for
Hex(80D16A) contains.

Hex(80D16A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80D16A)

Conversions

Conversions Part 1

Format	Color
Hex	80D16A
RGB	128, 209, 106
RGB Percent	50%, 82%, 42%
CMY	0.4980, 0.1804, 0.5843
CMYK	0.39, 0.00, 0.49, 0.18
HSL	107°, 53%, 62%
HSV	107°, 49%, 82%
XYZ	34.3041, 51.2307, 21.7162
YIQ	173.0390, -15.2130, -49.2050

Conversions

Conversions Part 2

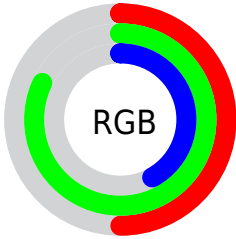
Format	Color
RYB	106, 209, 187
Decimal	8442218
CIELab	76.82, -44.09, 43.18
CIELCh	77, 61.712, 135.597
Yxy	51.2307, 0.3198, 0.4777
Android (android.graphics.Color)	4286632298 (0xFF80D16A)
YUV	173.0390, -33.0502, -39.4992
Hunter-Lab	71.5756, -39.7077, 32.1143

Details

The Hex color **80D16A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **BB6AD1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B8FF9F**, and **489A37** is the 20% darker color. If you saturate the color by 10%, you get **70D155**, and if you desaturate by 10%, it is **90D17F**.

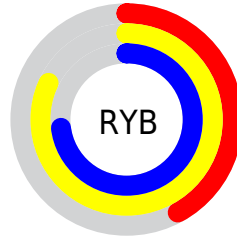
Distribution



Red (50%)

Green (82%)

Blue (42%)



Red (42%)

Yellow (82%)

Blue (73%)

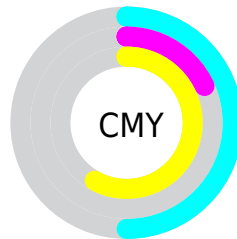


Cyan (39%)

Magenta (0%)

Yellow (49%)

Black (18%)



Cyan (50%)

Magenta (18%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D16A 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 80D16A by changing the saturation by 10% instead.

 80D16A

 80D16A

FFFFFF

 64B550

 B8FF9F

 489A37

 D5FFBB

 2B7F1D

 F3FFD7

 006600

 FFFFF4

 004D00

 003500

 002000

 000000

 80D16A

 80D16A

 70D155

 90D17F

 5FD140

 A1D194

 4FD12B

 B1D1A9

 3ED116

 C2D1BE

 2ED102

 D2D1D3

 2DD100

 E3D1E7

 F3D1FC

 FFD1FF

Harmonies

Analogous

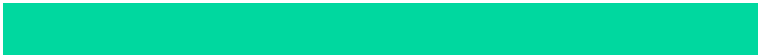
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C1C449



80D16A



00D89F

Triad

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



80D16A



00CCFF



FF8CA2

Complementary

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



80D16A



BB6AD1

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.



FF8FDC



80D16A



90B9FF

Square

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



80D16A



00D6FF



E7A2FF



FF9B6E

Rectangle

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



80D16A



00DAC7



E7A2FF



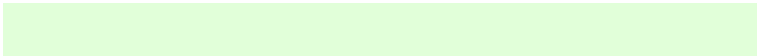
FF8BB5

Sweetspot

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



80D16A



E1FFD9



D1BB6A



6D8069



000000



808080

Same Dimension

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



80D16A



89FF69



6AD187



60695E



24A800



092900

Inverse Universe

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



BB6AD1



DF69FF



D16AB4



665E69



8400A8



200029

Previews

White Background



This preview shows how the Hex color 80D16A 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 80D16A 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 80D16A Background



This preview shows how black text looks on a background with the Hex color 80D16A.

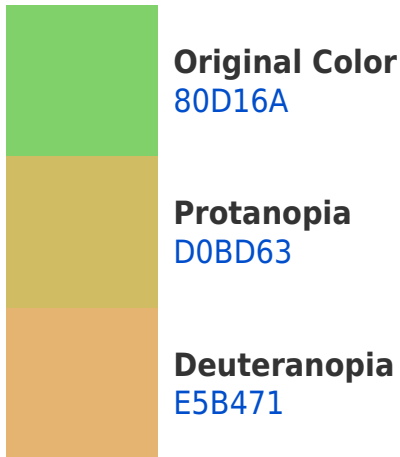


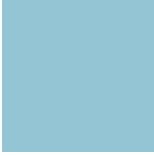
This preview shows how white text looks on a background with the Hex color 80D16A.

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](#).

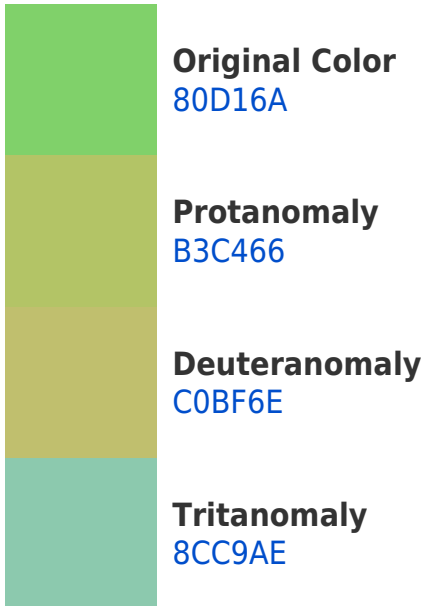
Dichromacy



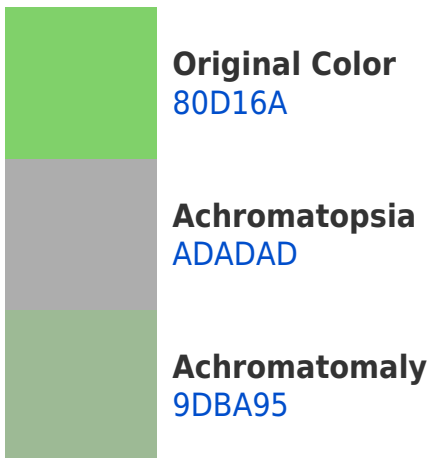


Tritanopia
93C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D16A 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 #80D16A looks like.

```
.text, #text, p{  
    color:#80D16A  
}
```

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 #80D16A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D16A
}
```

Border

The CSS property to change the border of an element to Hex 80D16A 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
#80D16A }
```

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

```
.border{ border-color:#80D16A }
```

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

Here you see how a box with a 4 pixel #80D16A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D16A; -webkit-box-shadow:4px 4px  
4px 4px #80D16A; box-shadow:4px 4px 4px  
4px #80D16A }
```

Background

The CSS property to change the background color of an element to Hex 80D16A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D16A }
```

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

```
.background{ background-color:#80D16A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor