

Converting Colors

Hex(80DC80)

Have a look what the booklet for
Hex(80DC80) contains.

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Color

Hex(80DC80)

Conversions

Conversions Part 1

Format	Color
Hex	80DC80
RGB	128, 220, 128
RGB Percent	50%, 86%, 50%
CMY	0.4980, 0.1373, 0.4980
CMYK	0.42, 0.00, 0.42, 0.14
HSL	120°, 57%, 68%
HSV	120°, 42%, 86%
XYZ	38.3916, 57.3341, 29.4652
YIQ	182.0040, -25.3000, -48.1160

Conversions

Conversions Part 2

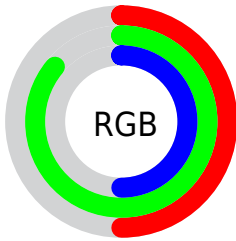
Format	Color
RYB	128, 220, 220
Decimal	8445056
CIELab	80.37, -45.77, 36.79
CIELCh	80, 58.723, 141.212
Yxy	57.3341, 0.3067, 0.4580
Android (android.graphics.Color)	4286635136 (0xFF80DC80)
YUV	182.0040, -26.6240, -47.3615
Hunter-Lab	75.7193, -42.0048, 29.9315

Details

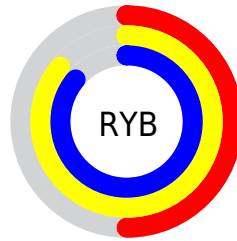
The Hex color **80DC80** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DC80DC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B9FFB6**, and **48A44D** is the 20% darker color. If you saturate the color by 10%, you get **6ADC6A**, and if you desaturate by 10%, it is **96DC96**.

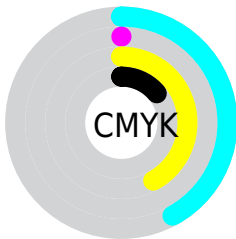
Distribution



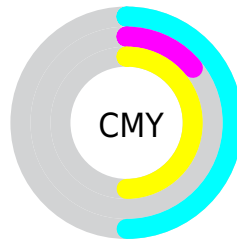
- Red (50%)
- Green (86%)
- Blue (50%)



- Red (50%)
- Yellow (86%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80DC80 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 80DC80 by changing the saturation by 10% instead.

 80DC80

 80DC80

FFFFFF

 64C066

 B9FFB6

 48A44D

 D6FFD2

 298935

 F3FFEE

 006F1C

 005600

 003E00

 002900

 000300

 000000

 80DC80

 80DC80

 6ADC6A

 96DC96

 54DC54

 ACDCAC

 3EDC3E

 C2DCC2

 28DC28

 D8DCD8

 12DC12

 EEDCEE

 00DC00

 FFDCFF

Harmonies

Analogous

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



C1D05C



80DC80



00E2B5

Triad

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



80DC80



16D2FF



FF9BA3

Complementary

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



80DC80



DC80DC

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.



FF9ADA



80DC80



B1BFFF

Square

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



80DC80



00DEFF



FBAAFF



FFAA74

Rectangle

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



80DC80



00E3DB



FBAAFF



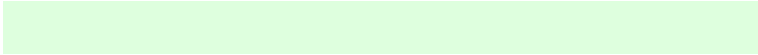
FF99B5

Sweetspot

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



80DC80



DEFFDE



DCDC80



6B806B



000000



808080

Same Dimension

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



80DC80



80FF80



80DCAE



636E63



00AD00



002E00

Inverse Universe

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



DC80DC



FF80FF



DC80AE



6E636E



AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 80DC80 looks on a white background.

Color Contrast Check

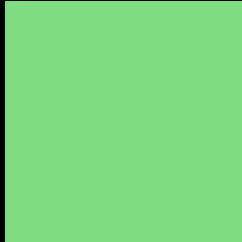
Large Text (above 18pt) WCAG AA × Fail

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 80DC80 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

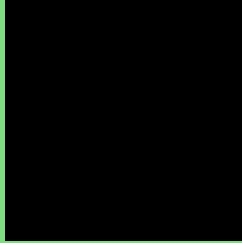
Any Text WCAG AA ✓ Pass

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 80DC80 Background



This preview shows how black text looks on a background with the Hex color 80DC80.

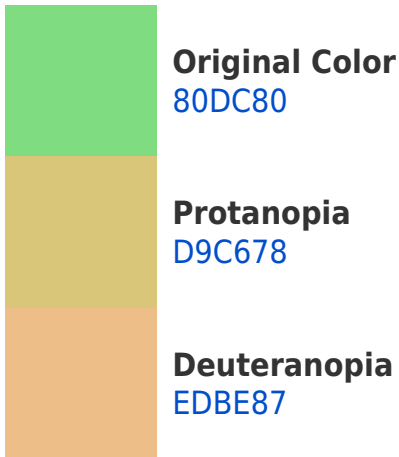


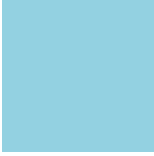
This preview shows how white text looks on a background with the Hex color 80DC80.

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](#).

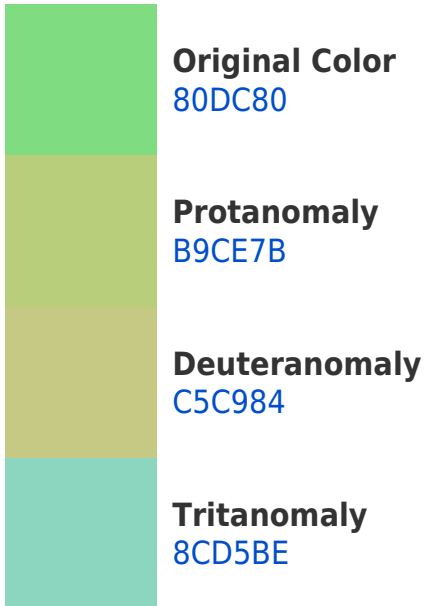
Dichromacy



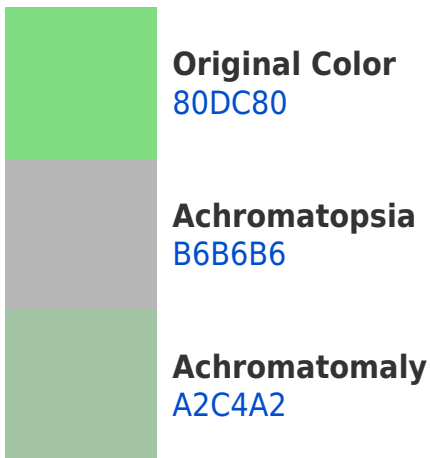


Tritanopia
93D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80DC80 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 #80DC80 looks like.

```
.text, #text, p{  
    color:#80DC80  
}
```

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 #80DC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80DC80
}
```

Border

The CSS property to change the border of an element to Hex 80DC80 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
#80DC80 }
```

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

```
.border{ border-color:#80DC80 }
```

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

Here you see how a box with a 4 pixel #80DC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80DC80; -webkit-box-shadow:4px 4px  
4px 4px #80DC80; box-shadow:4px 4px 4px  
4px #80DC80 }
```

Background

The CSS property to change the background color of an element to Hex 80DC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80DC80 }
```

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

```
.background{ background-color:#80DC80 }
```

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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