

Converting Colors

Hex(82DD68)

Have a look what the booklet for
Hex(82DD68) contains.

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Color

Hex(82DD68)

Conversions

Conversions Part 1

Format	Color
Hex	82DD68
RGB	130, 221, 104
RGB Percent	51%, 87%, 41%
CMY	0.4902, 0.1333, 0.5922
CMYK	0.41, 0.00, 0.53, 0.13
HSL	107°, 63%, 64%
HSV	107°, 53%, 87%
XYZ	37.5611, 57.4582, 22.2076
YIQ	180.4530, -16.6790, -55.6790

Conversions

Conversions Part 2

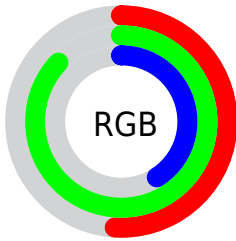
Format	Color
RYB	104, 221, 195
Decimal	8576360
CIELab	80.44, -48.76, 48.54
CIELCh	80, 68.801, 135.126
Yxy	57.4582, 0.3204, 0.4901
Android (android.graphics.Color)	4286766440 (0xFF82DD68)
YUV	180.4530, -37.6913, -44.2473
Hunter-Lab	75.8012, -44.2016, 35.6906

Details

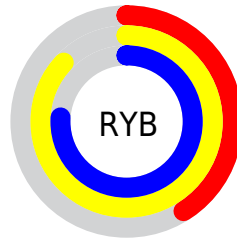
The Hex color **82DD68** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C368DD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BBFF9E**, and **49A534** is the 20% darker color. If you saturate the color by 10%, you get **71DD52**, and if you desaturate by 10%, it is **93DD7E**.

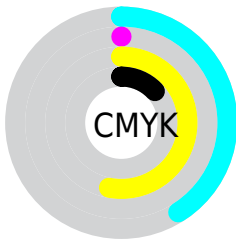
Distribution



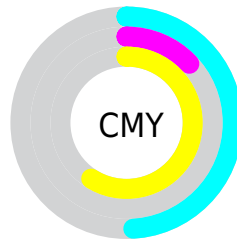
- Red (51%)
- Green (87%)
- Blue (41%)



- Red (41%)
- Yellow (87%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (53%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82DD68 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 82DD68 by changing the saturation by 10% instead.

 82DD68

 82DD68

FFFFFF

 66C14E

 BBFF9E

 49A534

 D8FFB9

 298A17

 F6FFD6

 007000

 FFFFF3

 005700

 003E00

 002900

 000300

 000000

 82DD68

 82DD68

 71DD52

 93DD7E

 60DD3C

 A4DD94

 4EDD26

 B6DDAA

 3DDD10

 C7DDC0

 31DD00

 D8DDD7

 E9DDED

 FADDFE

 FFDDFF

Harmonies

Analogous

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



CBCE41



82DD68



00E5A4

Triad

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



82DD68



00D8FF



FF8EAA

Complementary

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



82DD68



C368DD

Split Complementary

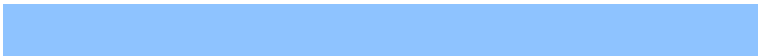
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF92EA



82DD68



8EC3FF

Square

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



82DD68



00E3FF



F5A9FF



FFA06F

Rectangle

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



82DD68



00E7D1



F5A9FF



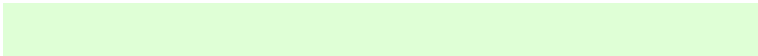
FF8DBF

Sweetspot

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



82DD68



DFFF66



DDC268



6D8067



000000



808080

Same Dimension

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



82DD68



80FF5C



68DD87



656E63



27AD00



0A2E00

Inverse Universe

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



C368DD



DB5CFF



DD68BE



6B636E



8700AD



24002E

Previews

White Background



This preview shows how the Hex color 82DD68 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 82DD68 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 82DD68 Background



This preview shows how black text looks on a background with the Hex color 82DD68.

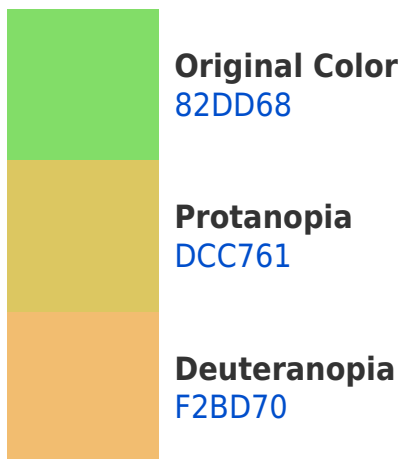


This preview shows how white text looks on a background with the Hex color 82DD68.

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](#).

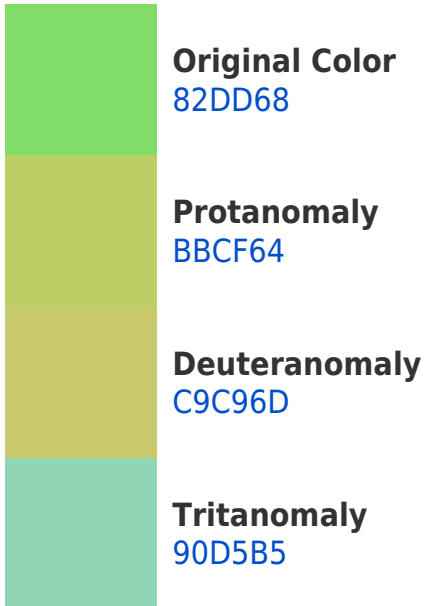
Dichromacy



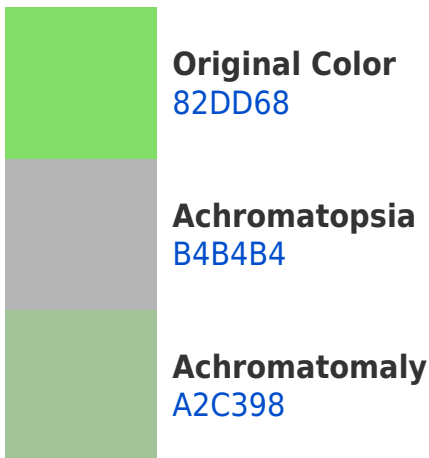


Tritanopia
98D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82DD68 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 #82DD68 looks like.

```
.text, #text, p{  
    color:#82DD68  
}
```

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 #82DD68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DD68
}
```

Border

The CSS property to change the border of an element to Hex 82DD68 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
#82DD68 }
```

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

```
.border{ border-color:#82DD68 }
```

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

Here you see how a box with a 4 pixel #82DD68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DD68; -webkit-box-shadow:4px 4px  
4px 4px #82DD68; box-shadow:4px 4px 4px  
4px #82DD68 }
```

Background

The CSS property to change the background color of an element to Hex 82DD68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DD68 }
```

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

```
.background{ background-color:#82DD68 }
```

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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