

# Converting Colors

Hex(82DD65)

Have a look what the booklet for  
Hex(82DD65) contains.

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**Color**

**Hex(82DD65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82DD65
RGB	130, 221, 101
RGB Percent	51%, 87%, 40%
CMY	0.4902, 0.1333, 0.6039
CMYK	0.41, 0.00, 0.54, 0.13
HSL	106°, 64%, 63%
HSV	106°, 54%, 87%
XYZ	37.4113, 57.3983, 21.4191
YIQ	180.1110, -15.7160, -56.6120

# Conversions

## Conversions Part 2

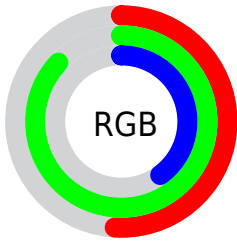
Format	Color
<a href="#">RYB</a>	<a href="#">101, 221, 192</a>
Decimal	<a href="#">8576357</a>
CIELab	<a href="#">80.40, -49.10, 49.90</a>
CIELCh	<a href="#">80, 70.002, 134.540</a>
Yxy	<a href="#">57.3983, 0.3219, 0.4938</a>
Android (android.graphics.Color)	<a href="#">4286766437 (0xFF82DD65)</a>
YUV	<a href="#">180.1110, -39.0017, -43.9473</a>
Hunter-Lab	<a href="#">75.7617, -44.4391, 36.2709</a>

# Details

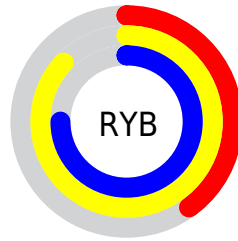
The Hex color **82DD65** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C065DD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BBFF9B**, and **49A530** is the 20% darker color. If you saturate the color by 10%, you get **71DD4F**, and if you desaturate by 10%, it is **93DD7B**.

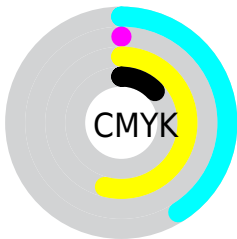
# Distribution



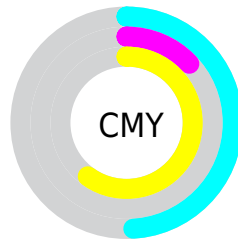
- Red (51%)
- Green (87%)
- Blue (40%)



- Red (40%)
- Yellow (87%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (54%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82DD65 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 82DD65 by changing the saturation by 10% instead.



 82DD65

 82DD65

FFFFFF

 66C14B

 BBFF9B

 49A530

 D9FFB6

 298A12

 F6FFD3

 007000

 FFFFF0

 005700

 003E00

 002900

 000300

 000000

 82DD65

 82DD65

 71DD4F

 93DD7B

 60DD39

 A4DD91

 50DD23

 B4DDA7

 3FDD0D

 C5DDBD

 35DD00

 D6DDD3

 E7DDEA

 F7DDFF

 FFDDFF

# Harmonies

## Analogous

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



CCCE3D



82DD65



00E5A2

# Triad

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



82DD65



00D8FF



FF8CAA

# Complementary

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



82DD65



C065DD

# 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.



FF91EC



82DD65



89C4FF

# Square

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



82DD65



00E4FF



F4A9FF



FF9E6E

# Rectangle

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



82DD65



00E7D0



F4A9FF



FF8BC0

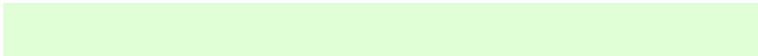


# Sweetspot

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



82DD65



E0FFD6



DDBF65



6D8067



000000



808080



# Same Dimension

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



82DD65



81FF59



65DD83



656E63



2AAD00



0B2E00



# Inverse Universe

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



C065DD



D759FF



DD65BF



6B636E



8300AD

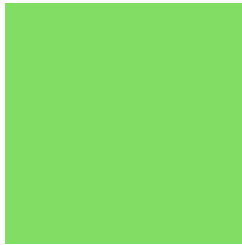


23002E



# Previews

## White Background



This preview shows how the Hex color 82DD65 looks on a white background.

## Color Contrast Check

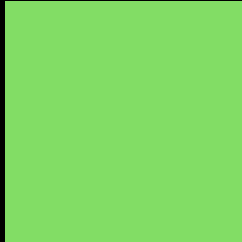
Large Text (above 18pt) WCAG AA × Fail

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 82DD65 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 82DD65 Background



This preview shows how black text looks on a background with the Hex color 82DD65.

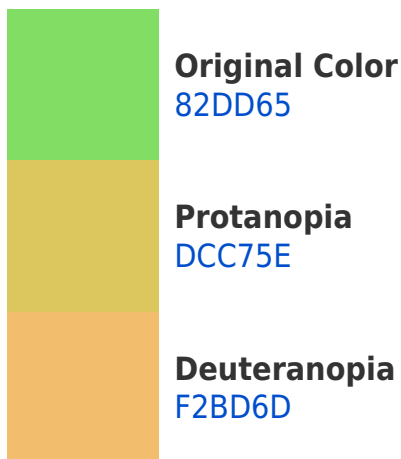


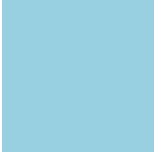
This preview shows how white text looks on a background with the Hex color 82DD65.

# 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](#).

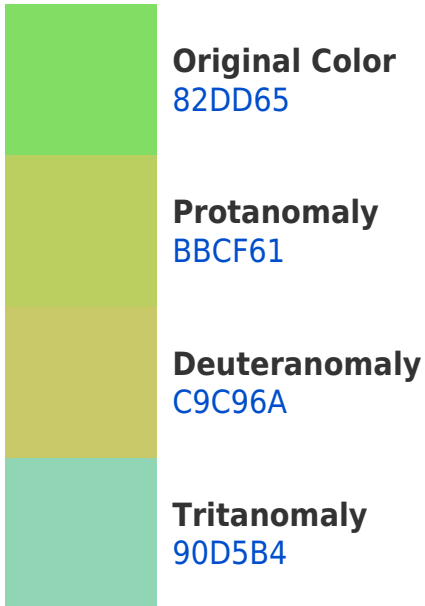
## Dichromacy



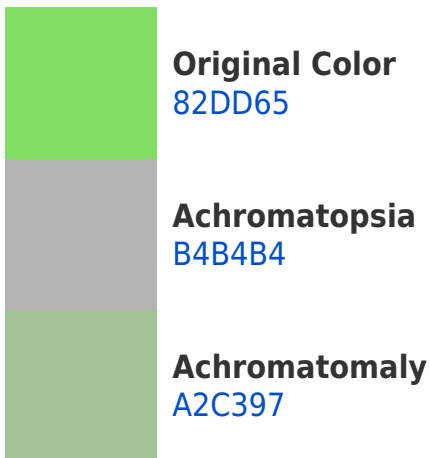


**Tritanopia**  
98D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82DD65 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 #82DD65 looks like.

```
.text, #text, p{  
    color:#82DD65  
}
```

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 #82DD65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DD65
}
```

## Border

The CSS property to change the border of an element to Hex 82DD65 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
#82DD65 }
```

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

```
.border{ border-color:#82DD65 }
```

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

Here you see how a box with a 4 pixel #82DD65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DD65; -webkit-box-shadow:4px 4px  
4px 4px #82DD65; box-shadow:4px 4px 4px  
4px #82DD65 }
```

# Background

The CSS property to change the background color of an element to Hex 82DD65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DD65 }
```

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

```
.background{ background-color:#82DD65 }
```

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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