

Converting Colors

Hex(85DD74)

Have a look what the booklet for
Hex(85DD74) contains.

Hex(85DD74)	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(85DD74)

Conversions

Conversions Part 1

Format	Color
Hex	85DD74
RGB	133, 221, 116
RGB Percent	52%, 87%, 45%
CMY	0.4784, 0.1333, 0.5451
CMYK	0.40, 0.00, 0.48, 0.13
HSL	110°, 61%, 66%
HSV	110°, 48%, 87%
XYZ	38.6817, 57.9604, 25.6717
YIQ	182.7180, -18.7430, -51.3110

Conversions

Conversions Part 2

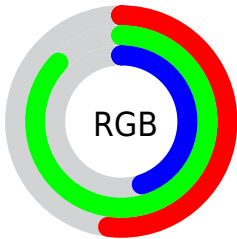
Format	Color
RYB	116, 221, 204
Decimal	8772980
CIELab	80.72, -46.35, 43.20
CIElCh	81, 63.359, 137.017
Yxy	57.9604, 0.3162, 0.4739
Android (android.graphics.Color)	4286963060 (0xFF85DD74)
YUV	182.7180, -32.8920, -43.6027
Hunter-Lab	76.1317, -42.5366, 33.2995

Details

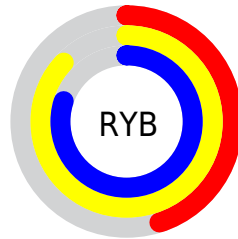
The Hex color **85DD74** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CC74DD**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BEFFAA**, and **4DA541** is the 20% darker color. If you saturate the color by 10%, you get **72DD5E**, and if you desaturate by 10%, it is **98DD8A**.

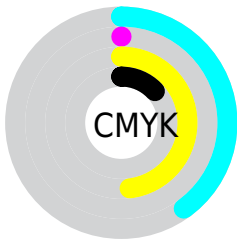
Distribution



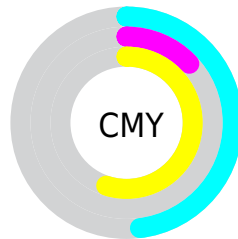
- Red (52%)
- Green (87%)
- Blue (45%)



- Red (45%)
- Yellow (87%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (48%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85DD74 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 85DD74 by changing the saturation by 10% instead.

 85DD74

 85DD74

FFFFFF

 69C15A

 BEFFAA

 4DA541

 DBFFC6

 2F8A27


 F9FFE2


 037009

 005700

 003F00

 002A00

 000500

 000000

 85DD74

 85DD74

 72DD5E

 98DD8A

 60DD48

 AADDA0

 4DDD32

 BDDDB6

 3BDD1C

 CFDDCC

 28DD06

 E2DDE3

 24DD00

 F4DDF9

 FFDDFF

Harmonies

Analogous

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



C9D050



85DD74



00E4AC

Triad

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



85DD74



00D6FF



FF96A9

Complementary

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



85DD74



CC74DD

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.



FF98E5



85DD74



9FC3FF

Square

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



85DD74



00E2FF



F7ABFF



FFA674

Rectangle

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



85DD74



00E6D5



F7ABFF



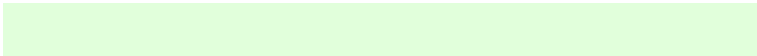
FF94BD

Sweetspot

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



85DD74



E1FFDB



DDCC74



6D806A



000000



808080

Same Dimension

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



85DD74



85FF6E



74DD97



646E63



1CAD00



072E00

Inverse Universe

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



CC74DD



E76EFF



DD74BA



6C636E



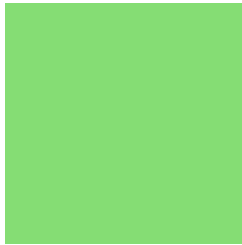
9100AD



26002E

Previews

White Background



This preview shows how the Hex color 85DD74 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 85DD74 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

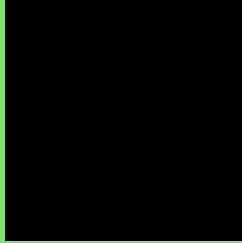
Any Text WCAG AA ✓ Pass

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 85DD74 Background



This preview shows how black text looks on a background with the Hex color 85DD74.

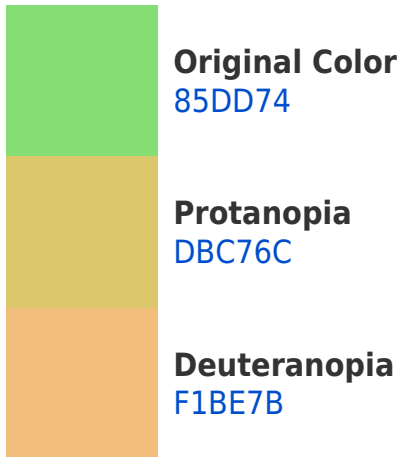


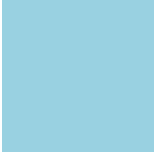
This preview shows how white text looks on a background with the Hex color 85DD74.

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
99D1E1

Trichromacy



Original Color
85DD74



Protanomaly
BCCF6F



Deuteranomaly
CAC978



Tritanomaly
92D5B9

Monochromacy



Original Color
85DD74



Achromatopsia
B7B7B7



Achromatomaly
A5C59F

CSS Examples

Text

The CSS property to change the color of the text to Hex 85DD74 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 #85DD74 looks like.

```
.text, #text, p{  
    color:#85DD74  
}
```

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 #85DD74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85DD74
}
```

Border

The CSS property to change the border of an element to Hex 85DD74 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
#85DD74 }
```

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

```
.border{ border-color:#85DD74 }
```

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

Here you see how a box with a 4 pixel #85DD74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85DD74; -webkit-box-shadow:4px 4px  
4px 4px #85DD74; box-shadow:4px 4px 4px  
4px #85DD74 }
```

Background

The CSS property to change the background color of an element to Hex 85DD74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85DD74 }
```

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

```
.background{ background-color:#85DD74 }
```

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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