

Converting Colors

Hex(86DD64)

Have a look what the booklet for
Hex(86DD64) contains.

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Color

Hex(86DD64)

Conversions

Conversions Part 1

Format	Color
Hex	86DD64
RGB	134, 221, 100
RGB Percent	53%, 87%, 39%
CMY	0.4745, 0.1333, 0.6078
CMYK	0.39, 0.00, 0.55, 0.13
HSL	103°, 64%, 63%
HSV	103°, 55%, 87%
XYZ	37.9882, 57.7013, 21.1919
YIQ	181.1930, -13.0110, -56.0750

Conversions

Conversions Part 2

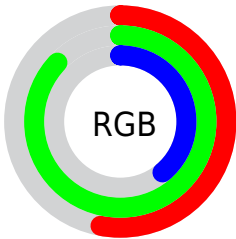
Format	Color
RYB	100, 221, 187
Decimal	8838500
CIELab	80.57, -47.96, 50.60
CIELCh	81, 69.715, 133.463
Yxy	57.7013, 0.3250, 0.4937
Android (android.graphics.Color)	4287028580 (0xFF86DD64)
YUV	181.1930, -40.0281, -41.3883
Hunter-Lab	75.9614, -43.6648, 36.6321

Details

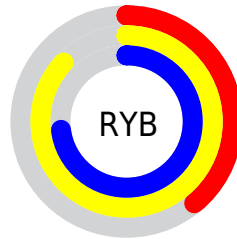
The Hex color **86DD64** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **BB64DD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BFFF9A**, and **4DA52F** is the 20% darker color. If you saturate the color by 10%, you get **76DD4E**, and if you desaturate by 10%, it is **96DD7A**.

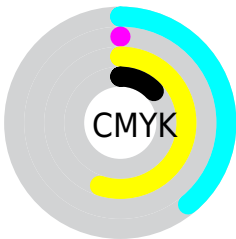
Distribution



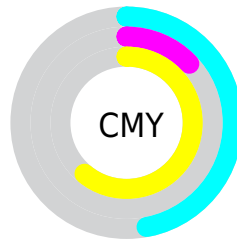
- Red (53%)
- Green (87%)
- Blue (39%)



- Red (39%)
- Yellow (87%)
- Blue (73%)



- Cyan (39%)
- Magenta (0%)
- Yellow (55%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86DD64 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 86DD64 by changing the saturation by 10% instead.

 86DD64

 86DD64

FFFFFF

 6AC14A

 BFFF9A

 4DA52F

 DDFFB5

 2E8A10

 FAFFD2

 007000

 FFFFEF

 005700

 003F00

 002900

 000400

 000000

 86DD64

 86DD64

 76DD4E

 96DD7A

 66DD38

 A6DD90

 56DD22

 B6DDA6

 46DD0C

 C6DDBC

 3EDD00

 D5DDD3

 E5DDE9

 F5DDFF

 FFDDFF

Harmonies

Analogous

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



CFCE3E



86DD64



00E5A1

Triad

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



86DD64



00D9FF



FF8DAD

Complementary

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



86DD64



BB64DD

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.



FF92EF



86DD64



85C5FF

Square

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



86DD64



00E4FF



F1AAFF



FF9E71

Rectangle

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



86DD64



00E8CE



F1AAFF



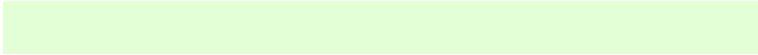
FF8CC3

Sweetspot

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



86DD64



E2FFD6



DDBB64



6E8067



000000



808080

Same Dimension

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



86DD64



86FF57



64DD7E



666E63



31AD00



0D2E00

Inverse Universe

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



BB64DD



D057FF



DD64C3



6B636E



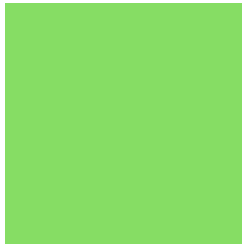
7D00AD



21002E

Previews

White Background



This preview shows how the Hex color 86DD64 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 86DD64 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 86DD64 Background



This preview shows how black text looks on a background with the Hex color 86DD64.

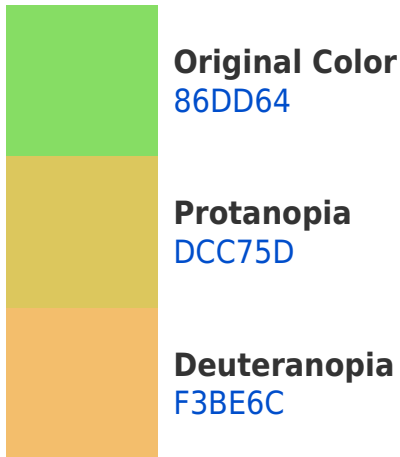


This preview shows how white text looks on a background with the Hex color 86DD64.

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](#).

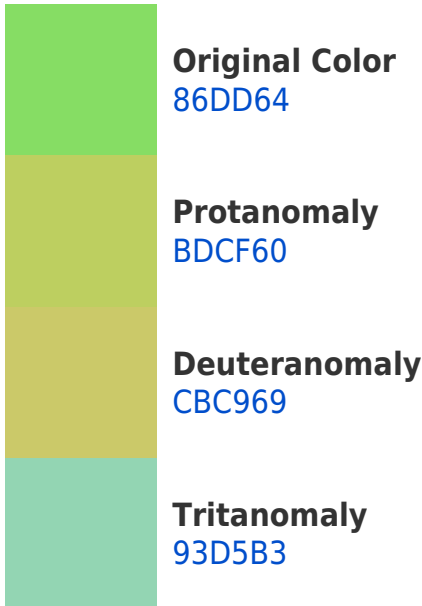
Dichromacy



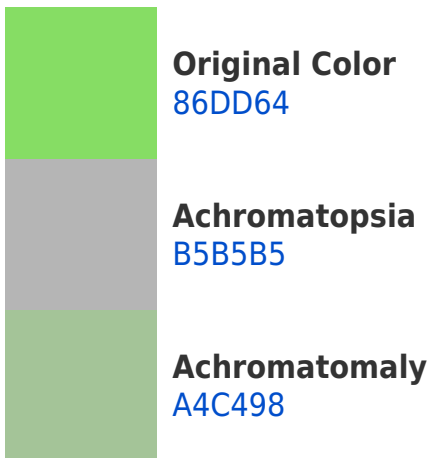


Tritanopia
9BD0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86DD64 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 #86DD64 looks like.

```
.text, #text, p{  
    color:#86DD64  
}
```

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 #86DD64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86DD64
}
```

Border

The CSS property to change the border of an element to Hex 86DD64 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
#86DD64 }
```

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

```
.border{ border-color:#86DD64 }
```

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

Here you see how a box with a 4 pixel #86DD64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86DD64; -webkit-box-shadow:4px 4px  
4px 4px #86DD64; box-shadow:4px 4px 4px  
4px #86DD64 }
```

Background

The CSS property to change the background color of an element to Hex 86DD64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86DD64 }
```

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

```
.background{ background-color:#86DD64 }
```

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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