

Converting Colors

Hex(86EA65)

Have a look what the booklet for
Hex(86EA65) contains.

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Color

Hex(86EA65)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 86EA65 |
| RGB | 134, 234, 101 |
| RGB Percent | 53%, 92%, 40% |
| CMY | 0.4745, 0.0824, 0.6039 |
| CMYK | 0.43, 0.00, 0.57, 0.08 |
| HSL | 105°, 76%, 66% |
| HSV | 105°, 57%, 92% |
| XYZ | 41.6033, 64.8536, 22.6372 |
| YIQ | 188.9380, -16.9070, -62.5630 |

Conversions

Conversions Part 2

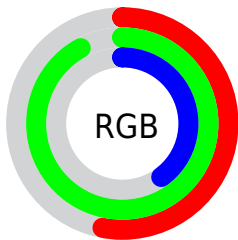
| Format | Color |
|-------------------------------------|--|
| RYB | 101, 234, 201 |
| Decimal | 8841829 |
| CIELab | 84.41, -53.16, 54.64 |
| CIELCh | 84, 76.230, 134.215 |
| Yxy | 64.8536, 0.3223, 0.5024 |
| Android (android.graphics.Color) | 4287031909 (0xFF86EA65) |
| YUV | 188.9380, -43.3534, -48.1806 |
| Hunter-Lab | 80.5317, -48.7160, 39.7060 |

Details

The Hex color **86EA65** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C965EA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C0FF9B**, and **4BB12F** is the 20% darker color. If you saturate the color by 10%, you get **74EA4E**, and if you desaturate by 10%, it is **98EA7C**.

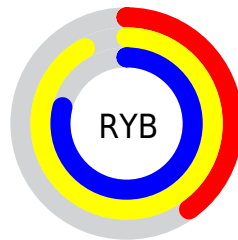
Distribution



Red (53%)

Green (92%)

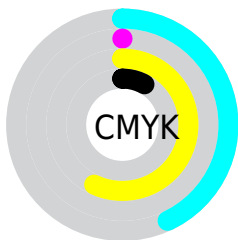
Blue (40%)



Red (40%)

Yellow (92%)

Blue (79%)

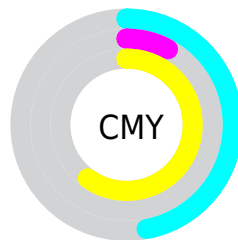


Cyan (43%)

Magenta (0%)

Yellow (57%)

Black (8%)



Cyan (47%)

Magenta (8%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86EA65 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 86EA65 by changing the saturation by 10% instead.

 86EA65

FFFFFF

 C0FF9B

 DEFFB7

 FCFFD4

 FFFFF1

 86EA65

 69CD4A

 4BB12F

 29960C

 007C00

 006200

 004900

 003200

 001800

 000000

 86EA65

 86EA65

 74EA4E

 98EA7C

 63EA36

 A9EA94

 51EA1F

 BBEAAB

 40EA07

 CCEAC3

 3AEA00

 DEEADA

 F0EAF1

 FFEAFF

Harmonies

Analogous

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



D8DA37



86EA65



00F3A9

Triad

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



86EA65



00E5FF



FF90B3

Complementary

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



86EA65



C965EA

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.



FF95FC



86EA65



89CFFF

Square

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



86EA65



00F1FF



FFB1FF



FFA471

Rectangle

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



86EA65



00F5DB



FFB1FF



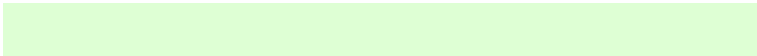
FF8ECB

Sweetspot

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



86EA65



DEFFD4



EAC965



6C8066



000000



808080

Same Dimension

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



86EA65



7DFF52



65EA86



6C756A



2DB500



0D3600

Inverse Universe

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



C965EA



D452FF



EA65C9



726A75



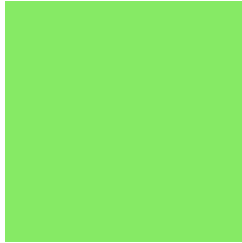
8800B5



280036

Previews

White Background



This preview shows how the Hex color 86EA65 looks on a white background.

Color Contrast Check

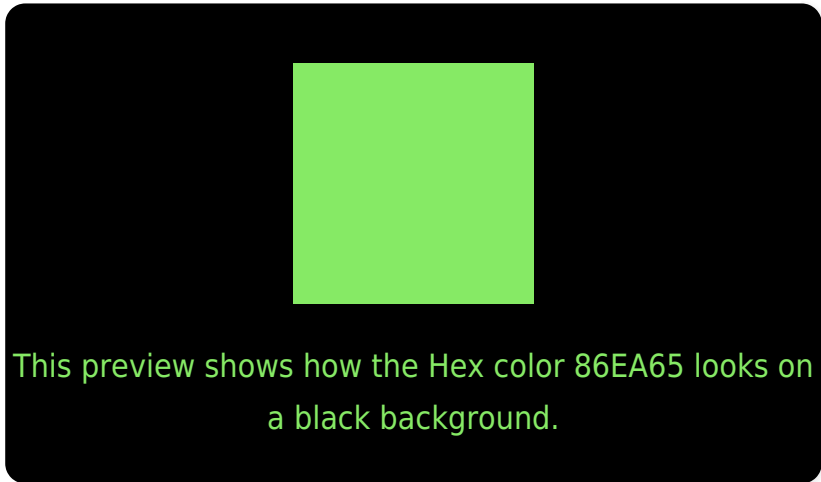
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

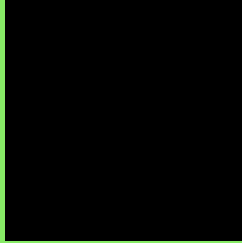
Any Text WCAG AA ✓ Pass

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 86EA65 Background



This preview shows how black text looks on a background with the Hex color 86EA65.

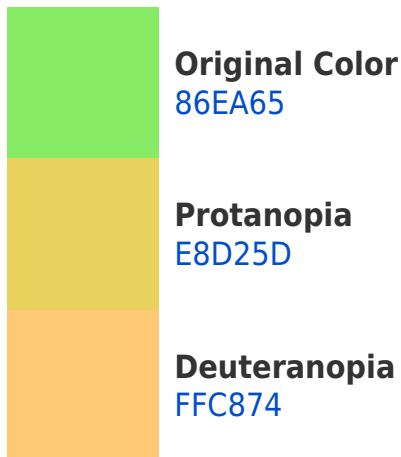


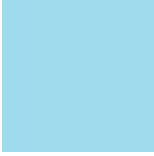
This preview shows how white text looks on a background with the Hex color 86EA65.

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](#).

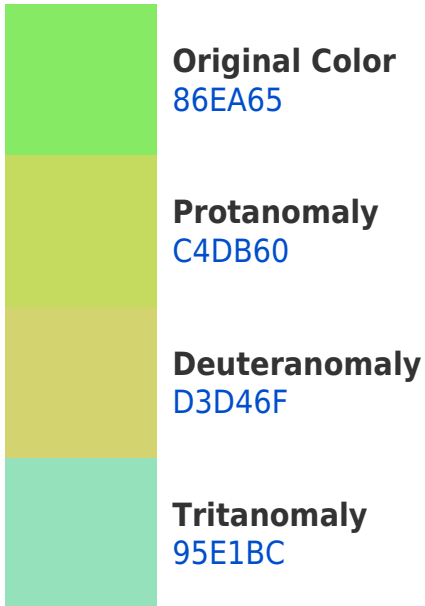
Dichromacy



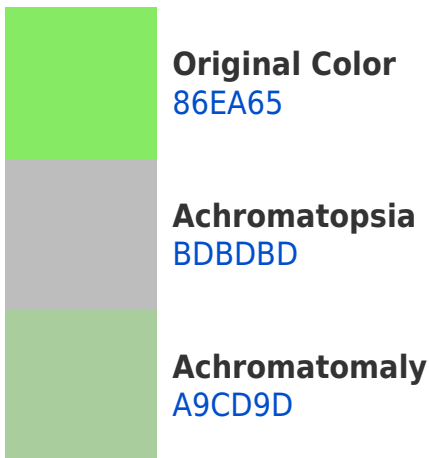


Tritanopia
9EDCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86EA65 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 #86EA65 looks like.

```
.text, #text, p{  
    color:#86EA65  
}
```

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 #86EA65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EA65
}
```

Border

The CSS property to change the border of an element to Hex 86EA65 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
#86EA65 }
```

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

```
.border{ border-color:#86EA65 }
```

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

Here you see how a box with a 4 pixel #86EA65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EA65; -webkit-box-shadow:4px 4px  
4px 4px #86EA65; box-shadow:4px 4px 4px  
4px #86EA65 }
```

Background

The CSS property to change the background color of an element to Hex 86EA65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EA65 }
```

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

```
.background{ background-color:#86EA65 }
```

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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