

Converting Colors

Hex(80E065)

Have a look what the booklet for
Hex(80E065) contains.

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Color

Hex(80E065)

Conversions

Conversions Part 1

Format	Color
Hex	80E065
RGB	128, 224, 101
RGB Percent	50%, 88%, 40%
CMY	0.4980, 0.1216, 0.6039
CMYK	0.43, 0.00, 0.55, 0.12
HSL	107°, 66%, 64%
HSV	107°, 55%, 88%
XYZ	37.9067, 58.8401, 21.6713
YIQ	181.2740, -17.7330, -58.6050

Conversions

Conversions Part 2

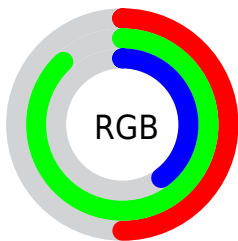
Format	Color
RYB	101, 224, 197
Decimal	8446053
CIELab	81.20, -50.94, 50.82
CIElCh	81, 71.956, 135.067
Yxy	58.8401, 0.3201, 0.4969
Android (android.graphics.Color)	4286636133 (0xFF80E065)
YUV	181.2740, -39.5751, -46.7213
Hunter-Lab	76.7073, -46.0278, 36.9445

Details

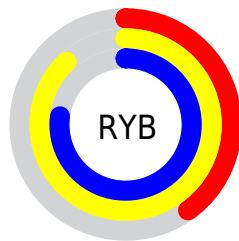
The Hex color **80E065** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C565E0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BAFF9B**, and **46A830** is the 20% darker color. If you saturate the color by 10%, you get **6FE04F**, and if you desaturate by 10%, it is **91E07B**.

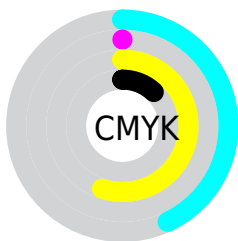
Distribution



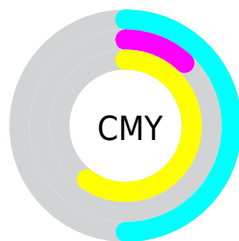
- Red (50%)
- Green (88%)
- Blue (40%)



- Red (40%)
- Yellow (88%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (55%)
- Black (12%)



- Cyan (50%)
- Magenta (12%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E065 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 80E065 by changing the saturation by 10% instead.

 80E065

 80E065

FFFFFF

 63C44B

 BAFF9B

 46A830

 D7FFB7

 248D11

 F5FFD3

 007300

 FFFFF0

 005900

 004100

 002B00

 000800

 000000

 80E065

 80E065

 6FE04F

 91E07B

 5DE038

 A3E092

 4CE022

 B4E0A8

 3AE00B

 C6E0BF

 31E000

 D7E0D5

 E9E0EB

 FAE0FF

 FFE0FF

Harmonies

Analogous

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



CDD13A



80E065



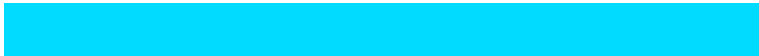
00E8A5

Triad

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



80E065



00DBFF



FF8CAA

Complementary

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



80E065



C565E0

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.



FF91EE



80E065



8BC5FF

Square

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



80E065



00E6FF



F9A9FF



FF9F6D

Rectangle

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



80E065



00EAD4



F9A9FF



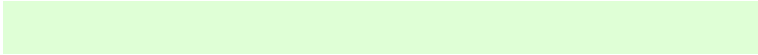
FF8BC1

Sweetspot

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



80E065



DFFFD6



E0C365



6D8067



000000



808080

Same Dimension

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



80E065



7CFF57



65E086



677065



27B000



0B3000

Inverse Universe

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



C565E0



DA57FF



E065BF



6E6570



8900B0



260030

Previews

White Background



This preview shows how the Hex color 80E065 looks on a white background.

Color Contrast Check

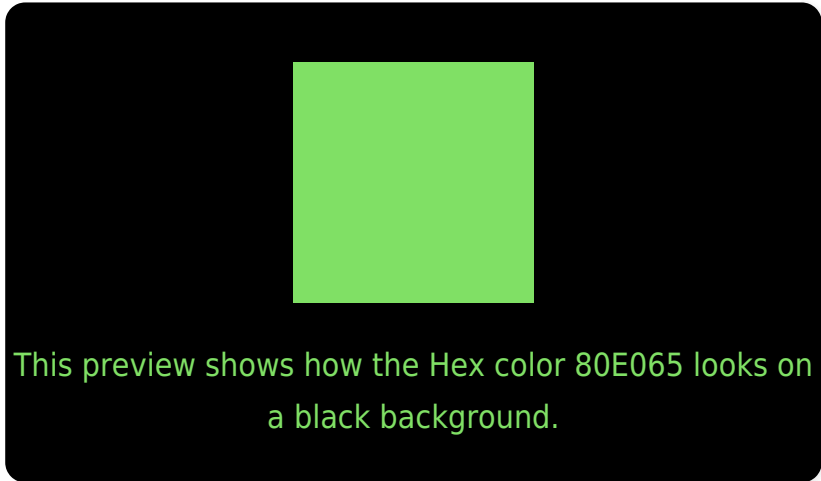
Large Text (above 18pt) WCAG AA × Fail

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 80E065 Background



This preview shows how black text looks on a background with the Hex color 80E065.

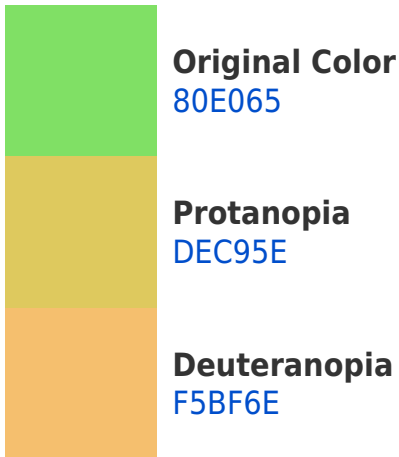


This preview shows how white text looks on a background with the Hex color 80E065.

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](#).

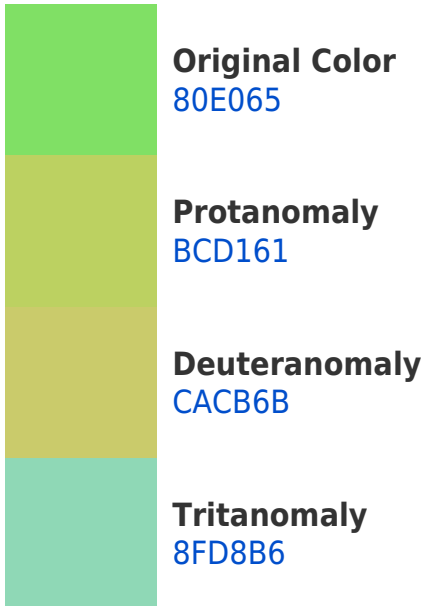
Dichromacy



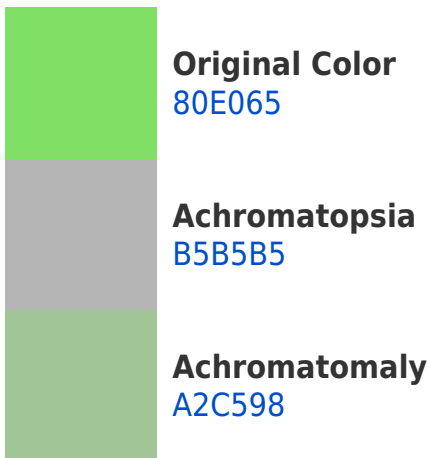


Tritanopia
97D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80E065 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 #80E065 looks like.

```
.text, #text, p{  
    color:#80E065  
}
```

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 #80E065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E065  
}
```

Border

The CSS property to change the border of an element to Hex 80E065 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  
#80E065 }
```

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

```
.border{ border-color:#80E065 }
```

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

Here you see how a box with a 4 pixel #80E065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E065; -webkit-box-shadow:4px 4px  
4px 4px #80E065; box-shadow:4px 4px 4px  
4px #80E065 }
```

Background

The CSS property to change the background color of an element to Hex 80E065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E065 }
```

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

```
.background{ background-color:#80E065 }
```

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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