

Converting Colors

Hex(80E075)

Have a look what the booklet for
Hex(80E075) contains.

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Color

Hex(80E075)

Conversions

Conversions Part 1

Format	Color
Hex	80E075
RGB	128, 224, 117
RGB Percent	50%, 88%, 46%
CMY	0.4980, 0.1216, 0.5412
CMYK	0.43, 0.00, 0.48, 0.12
HSL	114°, 63%, 67%
HSV	114°, 48%, 88%
XYZ	38.7686, 59.1849, 26.2101
YIQ	183.0980, -22.8690, -53.6290

Conversions

Conversions Part 2

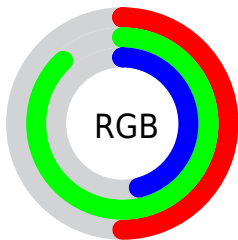
Format	Color
RYB	117, 224, 213
Decimal	8446069
CIELab	81.39, -48.99, 43.51
CIElCh	81, 65.518, 138.392
Yxy	59.1849, 0.3122, 0.4767
Android (android.graphics.Color)	4286636149 (0xFF80E075)
YUV	183.0980, -32.5863, -48.3209
Hunter-Lab	76.9317, -44.6779, 33.6525

Details

The Hex color **80E075** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D575E0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B9FFAB**, and **47A842** is the 20% darker color. If you saturate the color by 10%, you get **6CE05F**, and if you desaturate by 10%, it is **94E08B**.

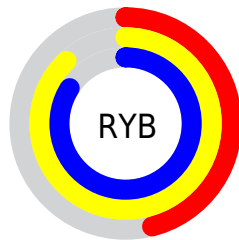
Distribution



Red (50%)

Green (88%)

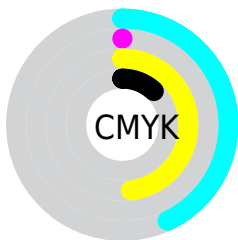
Blue (46%)



Red (46%)

Yellow (88%)

Blue (84%)

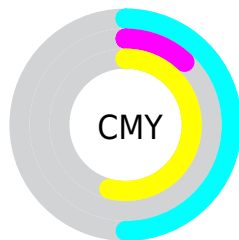


Cyan (43%)

Magenta (0%)

Yellow (48%)

Black (12%)



Cyan (50%)

Magenta (12%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E075 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 80E075 by changing the saturation by 10% instead.

 80E075

 80E075

FFFFFF

 64C45B

 B9FFAB

 47A842

 D6FFC7

 268D28

 F4FFE3

 00730A

 005900

 004100

 002C00

 000A00

 000000

 80E075

 80E075

 6CE05F

 94E08B

 58E048

 A8E0A2

 44E032

 BCE0B8

 30E01B

 D0E0CF

 1CE005

 E4E0E5

 17E000

 F9E0FB

 FFE0FF

Harmonies

Analogous

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



C8D34E



80E075



00E7AF

Triad

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



80E075



00D8FF



FF96A7

Complementary

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



80E075



D575E0

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.



FF97E5



80E075



A4C4FF

Square

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



80E075



00E4FF



FEA0FF



FFA070

Rectangle

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



80E075



00E9DA



FEA0FF



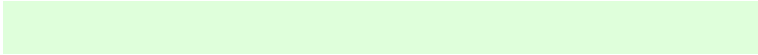
FF94BB

Sweetspot

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



80E075



DFFFDB



E0D475



6C806A



000000



808080

Same Dimension

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



80E075



7DFF6E



75E09E



667065



12B000



053000

Inverse Universe

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



D575E0



F06EFF



E075B7



6F6570



9E00B0



2B0030

Previews

White Background



This preview shows how the Hex color 80E075 looks on a white background.

Color Contrast Check

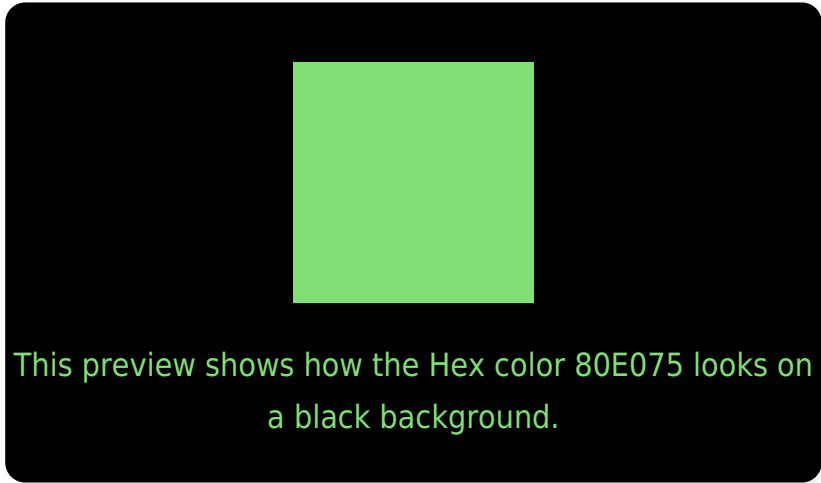
Large Text (above 18pt) WCAG AA × Fail

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

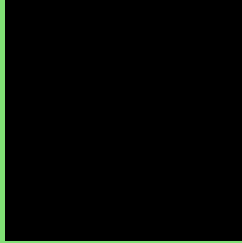
Any Text WCAG AA ✓ Pass

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 80E075 Background



This preview shows how black text looks on a background with the Hex color 80E075.

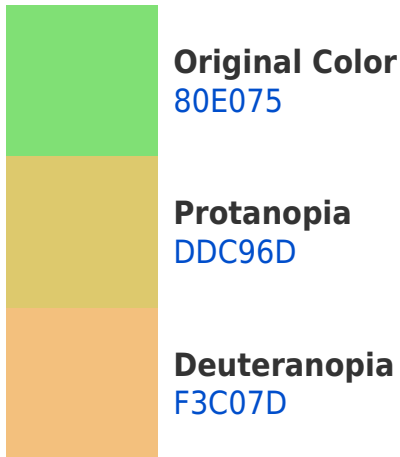


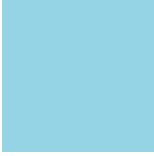
This preview shows how white text looks on a background with the Hex color 80E075.

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
95D4E4

Trichromacy



Original Color
80E075



Protanomaly
BBD170



Deuteranomaly
C9CC7A

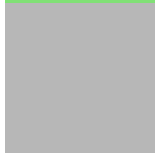


Tritanomaly
8DD8BC

Monochromacy



Original Color
80E075



Achromatopsia
B7B7B7



Achromatomaly
A3C69F

CSS Examples

Text

The CSS property to change the color of the text to Hex 80E075 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 #80E075 looks like.

```
.text, #text, p{  
    color:#80E075  
}
```

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 #80E075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E075
}
```

Border

The CSS property to change the border of an element to Hex 80E075 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
#80E075 }
```

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

```
.border{ border-color:#80E075 }
```

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

Here you see how a box with a 4 pixel #80E075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E075; -webkit-box-shadow:4px 4px  
4px 4px #80E075; box-shadow:4px 4px 4px  
4px #80E075 }
```

Background

The CSS property to change the background color of an element to Hex 80E075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E075 }
```

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

```
.background{ background-color:#80E075 }
```

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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