

Converting Colors

Hex(83E274)

Have a look what the booklet for
Hex(83E274) contains.

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Color

Hex(83E274)

Conversions

Conversions Part 1

Format	Color
Hex	83E274
RGB	131, 226, 116
RGB Percent	51%, 89%, 45%
CMY	0.4863, 0.1137, 0.5451
CMYK	0.42, 0.00, 0.49, 0.11
HSL	112°, 65%, 67%
HSV	112°, 49%, 89%
XYZ	39.7088, 60.4790, 26.1037
YIQ	185.0550, -21.3100, -54.3500

Conversions

Conversions Part 2

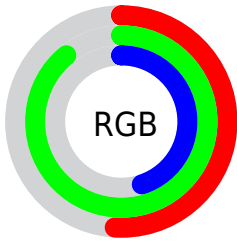
Format	Color
RYB	116, 226, 211
Decimal	8643188
CIELab	82.10, -49.05, 44.89
CIELCh	82, 66.492, 137.537
Yxy	60.4790, 0.3144, 0.4789
Android (android.graphics.Color)	4286833268 (0xFF83E274)
YUV	185.0550, -34.0441, -47.4062
Hunter-Lab	77.7682, -44.9515, 34.5364

Details

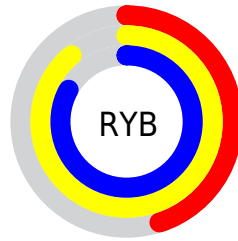
The Hex color **83E274** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D374E2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BCFFAA**, and **4AAA40** is the 20% darker color. If you saturate the color by 10%, you get **6FE25D**, and if you desaturate by 10%, it is **97E28B**.

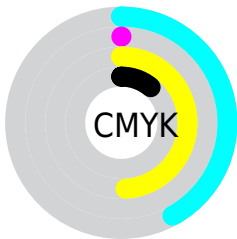
Distribution



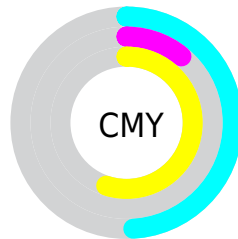
- Red (51%)
- Green (89%)
- Blue (45%)



- Red (45%)
- Yellow (89%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (49%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E274 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 83E274 by changing the saturation by 10% instead.

 83E274

 83E274

FFFFFF

 67C65A

 BCFFAA

 4AAA40

 DAFFC6

 2A8F26

 F7FFE2

 007507

 005B00

 004200

 002D00

 000E00

 000000

 83E274

 83E274

 6FE25D

 97E28B

 5CE247

 AAE2A1

 48E230

 BEE2B8

 35E21A

 D1E2CE

 21E203

 E5E2E5

 1FE200

 F8E2FC

 FFE2FF

Harmonies

Analogous

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



CBD44D



83E274



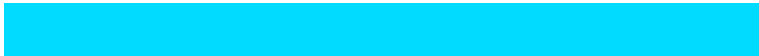
00E9AF

Triad

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



83E274



00DBFF



FF96AA

Complementary

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



83E274



D374E2

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.



FF98E9



83E274



A1C6FF

Square

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



83E274



00E7FF



FEADFF



FFA872

Rectangle

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



83E274



00EBDB



FEADFF



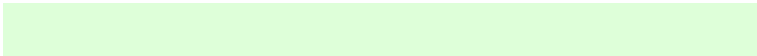
FF94BF

Sweetspot

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



83E274



DEFFD9



E2D274



6C8069



000000



808080

Same Dimension

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



83E274



7FFF6B



74E29B



677065



18B000



073000

Inverse Universe

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



D374E2



EB6BFF



E274BB



6F6570



9800B0



2A0030

Previews

White Background



This preview shows how the Hex color 83E274 looks on a white background.

Color Contrast Check

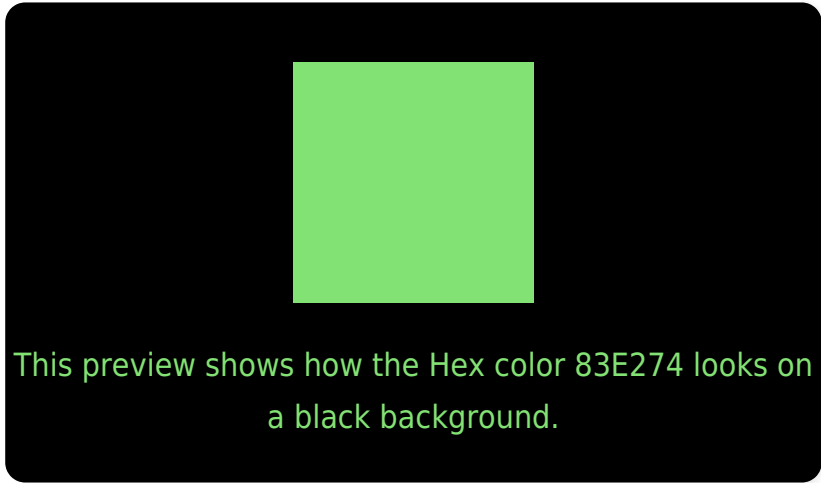
Large Text (above 18pt) WCAG AA × Fail

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

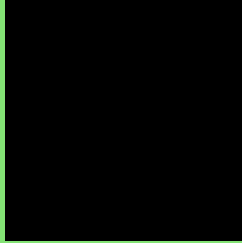
Any Text WCAG AA ✓ Pass

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 83E274 Background



This preview shows how black text looks on a background with the Hex color 83E274.

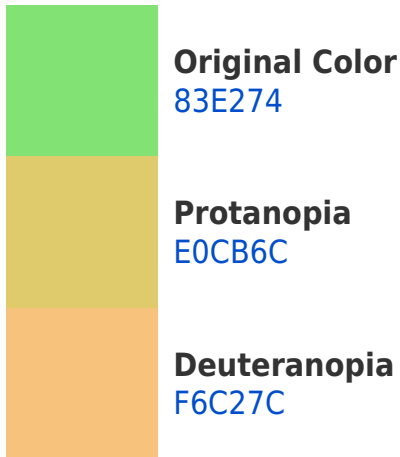


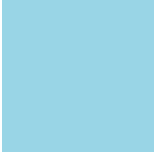
This preview shows how white text looks on a background with the Hex color 83E274.

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
99D5E6

Trichromacy



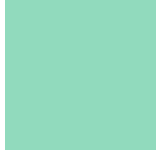
Original Color
83E274



Protanomaly
BED36F



Deuteranomaly
CCCE79

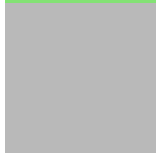


Tritanomaly
91DABD

Monochromacy



Original Color
83E274



Achromatopsia
B9B9B9



Achromatomaly
A5C8A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E274 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 #83E274 looks like.

```
.text, #text, p{  
    color:#83E274  
}
```

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 #83E274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E274
}
```

Border

The CSS property to change the border of an element to Hex 83E274 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
#83E274 }
```

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

```
.border{ border-color:#83E274 }
```

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

Here you see how a box with a 4 pixel #83E274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E274; -webkit-box-shadow:4px 4px  
4px 4px #83E274; box-shadow:4px 4px 4px  
4px #83E274 }
```

Background

The CSS property to change the background color of an element to Hex 83E274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E274 }
```

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

```
.background{ background-color:#83E274 }
```

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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