

Converting Colors

Hex(83DE63)

Have a look what the booklet for
Hex(83DE63) contains.

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Color

Hex(83DE63)

Conversions

Conversions Part 1

Format	Color
Hex	83DE63
RGB	131, 222, 99
RGB Percent	51%, 87%, 39%
CMY	0.4863, 0.1294, 0.6118
CMYK	0.41, 0.00, 0.55, 0.13
HSL	104°, 65%, 63%
HSV	104°, 55%, 87%
XYZ	37.7335, 57.9687, 21.0047
YIQ	180.7690, -14.7530, -57.5450

Conversions

Conversions Part 2

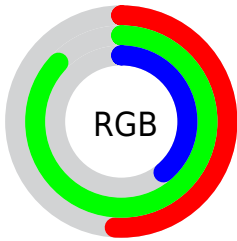
Format	Color
RYB	99, 222, 190
Decimal	8642147
CIELab	80.72, -49.42, 51.20
CIELCh	81, 71.162, 133.989
Yxy	57.9687, 0.3233, 0.4967
Android (android.graphics.Color)	4286832227 (0xFF83DE63)
YUV	180.7690, -40.3121, -43.6474
Hunter-Lab	76.1372, -44.7757, 36.9391

Details

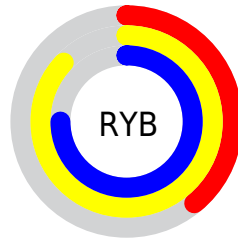
The Hex color **83DE63** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **BE63DE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BCFF99**, and **49A62E** is the 20% darker color. If you saturate the color by 10%, you get **73DE4D**, and if you desaturate by 10%, it is **93DE79**.

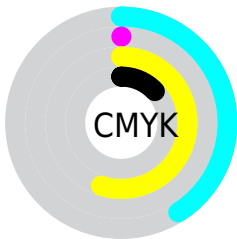
Distribution



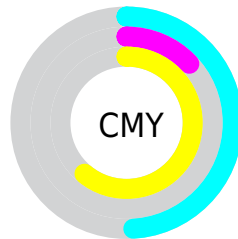
- Red (51%)
- Green (87%)
- Blue (39%)



- Red (39%)
- Yellow (87%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (55%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83DE63 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 83DE63 by changing the saturation by 10% instead.

 83DE63

 83DE63

FFFFFF

 66C249

 BCFF99

 49A62E

 DAFFB5

 2A8B0E

 F8FFD1

 007100

 FFFFEE

 005800

 003F00

 002A00

 000500

 000000

 83DE63

 83DE63

 73DE4D

 93DE79

 62DE37

 A4DE8F

 52DE20

 B4DEA6

 41DE0A

 C5DEBC

 3ADE00

 D5DED2

 E6DEE8

 F6DEFE

 FFDEFF

Harmonies

Analogous

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



CECF3A



83DE63



00E6A1

Triad

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



83DE63



00DAFF



FF8CAC

Complementary

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



83DE63



BE63DE

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.



FF91EF



83DE63



85C5FF

Square

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



83DE63



00E5FF



F4A9FF



FF9E6F

Rectangle

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



83DE63



00E9D0



F4A9FF



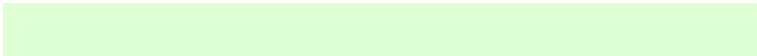
FF8AC2

Sweetspot

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



83DE63



DFFFD4



DEBD63



6D8066



000000



808080

Same Dimension

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



83DE63



82FF57



63DE80



687065



2EB000



0D3000

Inverse Universe

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



BE63DE



D357FF



DE63C1



6D6570



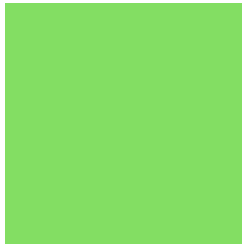
8200B0



240030

Previews

White Background



This preview shows how the Hex color 83DE63 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 83DE63 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

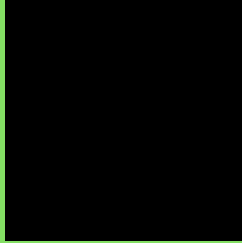
Any Text WCAG AA ✓ Pass

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 83DE63 Background



This preview shows how black text looks on a background with the Hex color 83DE63.

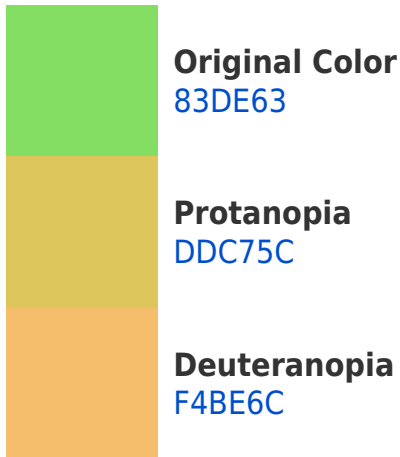


This preview shows how white text looks on a background with the Hex color 83DE63.

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
99D1E1

Trichromacy



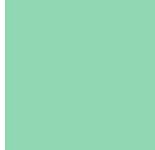
Original Color
83DE63



Protanomaly
BCCF5F



Deuteranomaly
CBCA69

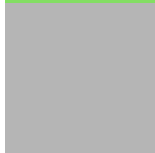


Tritanomaly
91D6B3

Monochromacy



Original Color
83DE63



Achromatopsia
B5B5B5



Achromatomaly
A3C497

CSS Examples

Text

The CSS property to change the color of the text to Hex 83DE63 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 #83DE63 looks like.

```
.text, #text, p{  
    color:#83DE63  
}
```

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 #83DE63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83DE63  
}
```

Border

The CSS property to change the border of an element to Hex 83DE63 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  
#83DE63 }
```

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

```
.border{ border-color:#83DE63 }
```

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

Here you see how a box with a 4 pixel #83DE63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83DE63; -webkit-box-shadow:4px 4px  
4px 4px #83DE63; box-shadow:4px 4px 4px  
4px #83DE63 }
```

Background

The CSS property to change the background color of an element to Hex 83DE63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83DE63 }
```

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

```
.background{ background-color:#83DE63 }
```

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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