

Converting Colors

Hex(80D53E)

Have a look what the booklet for
Hex(80D53E) contains.

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Color

Hex(80D53E)

Conversions

Conversions Part 1

Format	Color
Hex	80D53E
RGB	128, 213, 62
RGB Percent	50%, 84%, 24%
CMY	0.4980, 0.1647, 0.7569
CMYK	0.40, 0.00, 0.71, 0.16
HSL	94°, 64%, 54%
HSV	94°, 71%, 84%
XYZ	33.5658, 52.5255, 12.9268
YIQ	170.3710, -2.1890, -64.9810

Conversions

Conversions Part 2

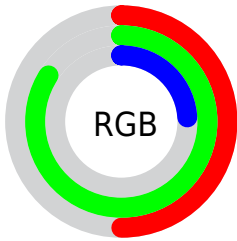
Format	Color
RYB	62, 213, 147
Decimal	8443198
CIELab	77.59, -50.00, 63.07
CIElCh	78, 80.489, 128.407
Yxy	52.5255, 0.3390, 0.5305
Android (android.graphics.Color)	4286633278 (0xFF80D53E)
YUV	170.3710, -53.4269, -37.1594
Hunter-Lab	72.4745, -44.1598, 40.1570

Details

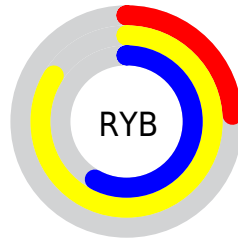
The Hex color **80D53E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **933ED5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BAFF76**, and **459E00** is the 20% darker color. If you saturate the color by 10%, you get **74D529**, and if you desaturate by 10%, it is **8CD553**.

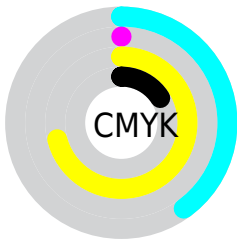
Distribution



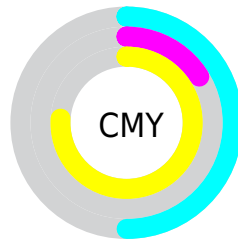
- Red (50%)
- Green (84%)
- Blue (24%)



- Red (24%)
- Yellow (84%)
- Blue (58%)



- Cyan (40%)
- Magenta (0%)
- Yellow (71%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D53E 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 80D53E by changing the saturation by 10% instead.



80D53E



80D53E

FFFFFF



63B91E



BAFF76



459E00



D8FF92



238300



F5FFAE



006900



FFFFCB



005000



FFFFE8



003800



002200



000000



80D53E



80D53E

 74D529

 8CD553

 68D513

 98D569

 5DD500

 A4D57E

 B0D593

 BCD5A9

 C8D5BE

 D4D5D3

 E0D5E8

 ECD5FE

Harmonies

Analogous

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



D1C300



80D53E



00DF86

Triad

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



80D53E



00D6FF



FF74AE

Complementary

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



80D53E



933ED5

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.



FF81F8



80D53E



13C2FF

Square

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



80D53E



00E0FF



DDA2FF



FF8867

Rectangle

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



80D53E



00E2B9



DDA2FF



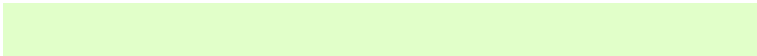
FF74C7

Sweetspot

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



80D53E



E1FFC9



D5913E



6E8060



000000



808080

Same Dimension

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



80D53E



85FF26



3ED546



656B60



4BAB00



132B00

Inverse Universe

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



933ED5



A026FF



D53ECD



66606B



6000AB



18002B

Previews

White Background



This preview shows how the Hex color 80D53E looks on a white background.

Color Contrast Check

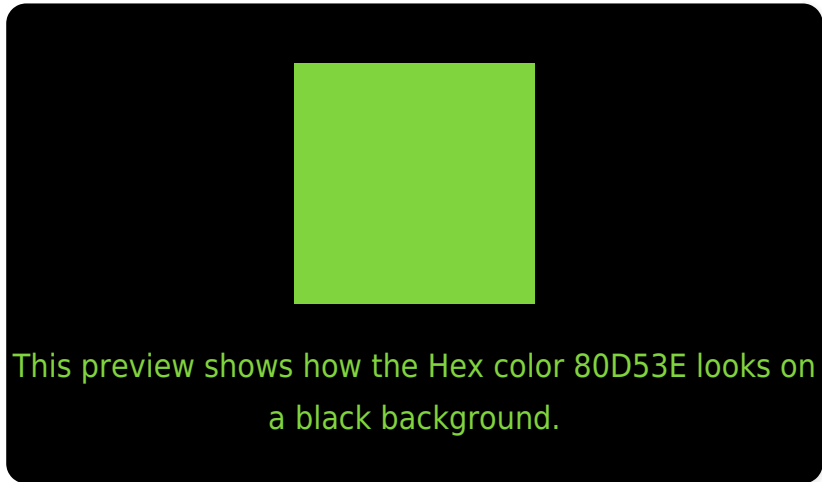
Large Text (above 18pt) WCAG AA × Fail

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 80D53E Background



This preview shows how black text looks on a background with the Hex color 80D53E.

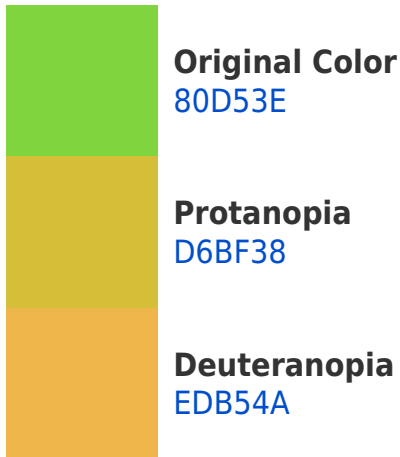


This preview shows how white text looks on a background with the Hex color 80D53E.

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](#).

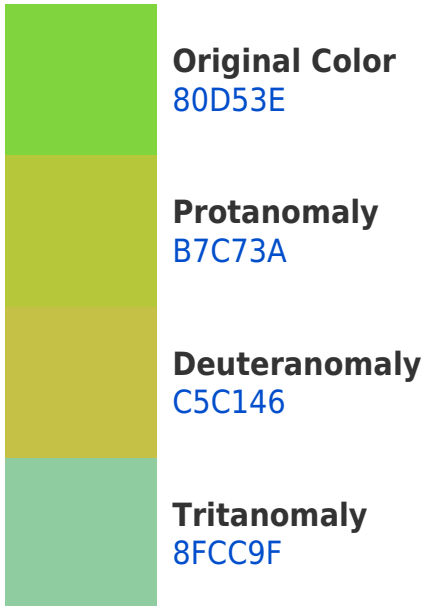
Dichromacy



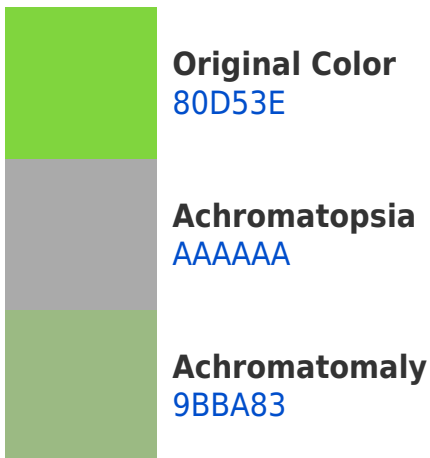


Tritanopia
97C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D53E 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 #80D53E looks like.

```
.text, #text, p{  
    color:#80D53E  
}
```

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 #80D53E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D53E
}
```

Border

The CSS property to change the border of an element to Hex 80D53E 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
#80D53E }
```

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

```
.border{ border-color:#80D53E }
```

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

Here you see how a box with a 4 pixel #80D53E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D53E; -webkit-box-shadow:4px 4px  
4px 4px #80D53E; box-shadow:4px 4px 4px  
4px #80D53E }
```

Background

The CSS property to change the background color of an element to Hex 80D53E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D53E }
```

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

```
.background{ background-color:#80D53E }
```

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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