

Converting Colors

Hex(80EB50)

Have a look what the booklet for
Hex(80EB50) contains.

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Color

Hex(80EB50)

Conversions

Conversions Part 1

Format	Color
Hex	80EB50
RGB	128, 235, 80
RGB Percent	50%, 92%, 31%
CMY	0.4980, 0.0784, 0.6863
CMYK	0.46, 0.00, 0.66, 0.08
HSL	101°, 79%, 62%
HSV	101°, 66%, 92%
XYZ	40.0584, 64.5850, 17.9443
YIQ	185.3370, -14.0170, -70.8890

Conversions

Conversions Part 2

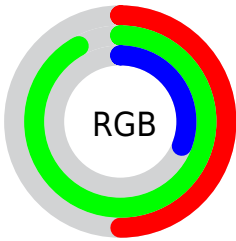
Format	Color
RYB	80, 235, 187
Decimal	8448848
CIELab	84.27, -57.32, 63.23
CIELCh	84, 85.341, 132.195
Yxy	64.5850, 0.3268, 0.5268
Android (android.graphics.Color)	4286638928 (0xFF80EB50)
YUV	185.3370, -51.9311, -50.2845
Hunter-Lab	80.3648, -51.6639, 43.0168

Details

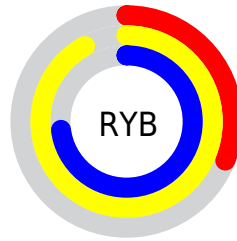
The Hex color **80EB50** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **BB50EB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFF88**, and **42B20C** is the 20% darker color. If you saturate the color by 10%, you get **70EB38**, and if you desaturate by 10%, it is **90EB68**.

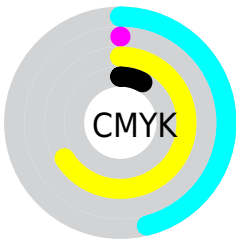
Distribution



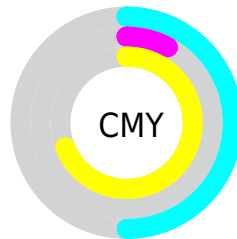
- Red (50%)
- Green (92%)
- Blue (31%)



- Red (31%)
- Yellow (92%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (66%)
- Black (8%)



- Cyan (50%)
- Magenta (8%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80EB50 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 80EB50 by changing the saturation by 10% instead.

 80EB50

 80EB50

FFFFFF

 62CE33

 BBFF88

 42B20C

 D9FFA4

 199700

 F8FFC0

 007C00

 FFFFDD

 006200

 FFFFFB

 004900

 003200

 001800

 000000

 80EB50

 80EB50

 70EB38

 90EB68

 60EB21

 A0EB7F

 4FEB0A

 B1EB96

 49EB00

 C1EBAE

 D1EBC6

 E1EBDD

 F2EBF4

 FFEbff

Harmonies

Analogous

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



DBD904



80EB50



00F59E

Triad

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



80EB50



00E8FF



FF82B5

Complementary

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



80EB50



BB50EB

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.



FF8BFF



80EB50



5FD1FF

Square

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



80EB50



00F5FF



FFAEFF



FF9A69

Rectangle

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



80EB50



00F8D6



FFAEFF



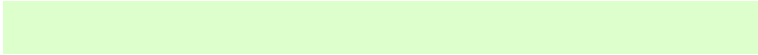
FF81D0

Sweetspot

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



80EB50



DCFFCC



EBBA50



6A8061



000000



808080

Same Dimension

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



80EB50



74FF36



50EB6C



6D756A



38B500



113600

Inverse Universe

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



BB50EB



C136FF



EB50CF



726A75



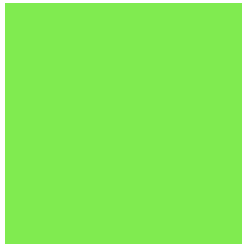
7D00B5



250036

Previews

White Background



This preview shows how the Hex color 80EB50 looks on a white background.

Color Contrast Check

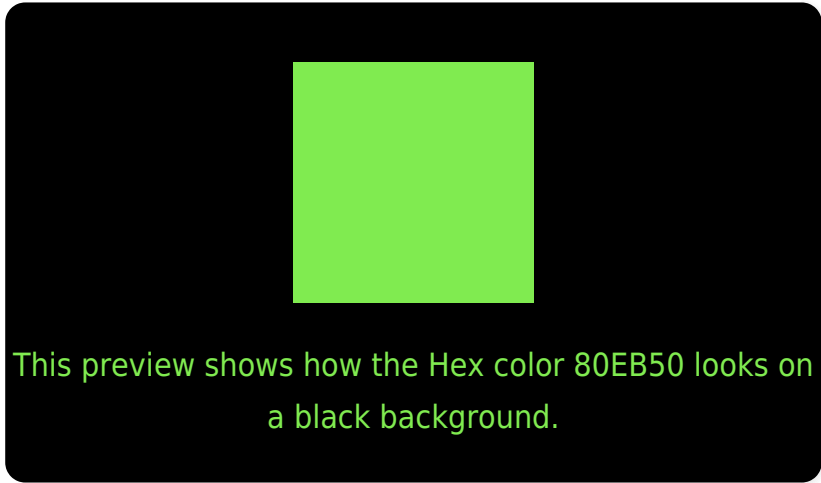
Large Text (above 18pt) WCAG AA × Fail

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

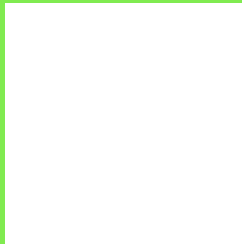
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 80EB50 Background



This preview shows how black text looks on a background with the Hex color 80EB50.

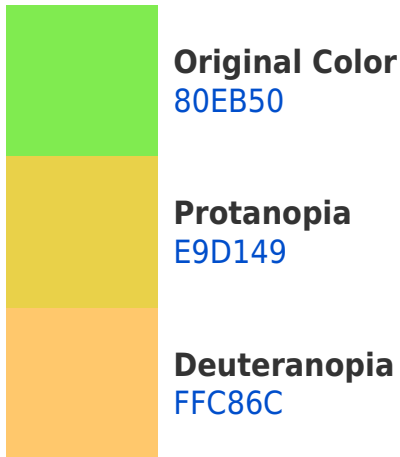


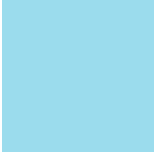
This preview shows how white text looks on a background with the Hex color 80EB50.

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](#).

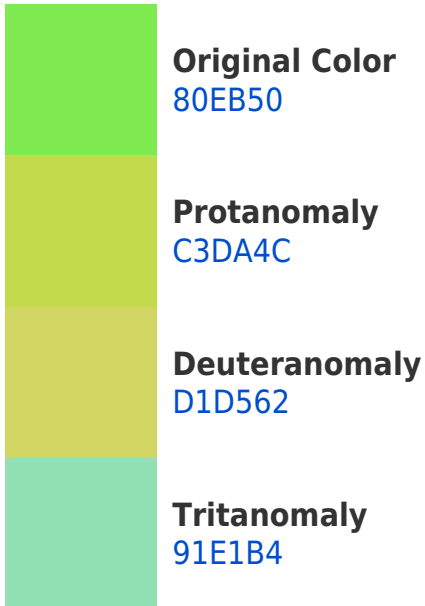
Dichromacy



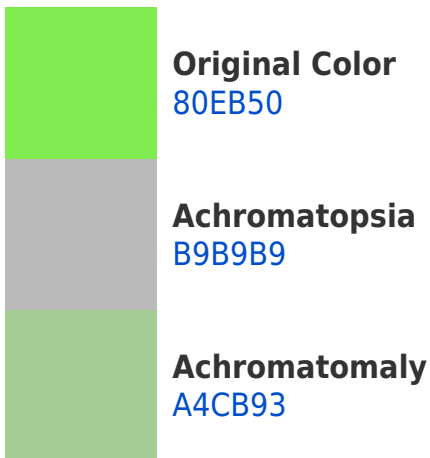


Tritanopia
9BDCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80EB50 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 #80EB50 looks like.

```
.text, #text, p{  
    color:#80EB50  
}
```

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 #80EB50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80EB50
}
```

Border

The CSS property to change the border of an element to Hex 80EB50 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
#80EB50 }
```

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

```
.border{ border-color:#80EB50 }
```

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

Here you see how a box with a 4 pixel #80EB50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80EB50; -webkit-box-shadow:4px 4px  
4px 4px #80EB50; box-shadow:4px 4px 4px  
4px #80EB50 }
```

Background

The CSS property to change the background color of an element to Hex 80EB50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80EB50 }
```

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

```
.background{ background-color:#80EB50 }
```

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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