

Converting Colors

Hex(80EC03)

Have a look what the booklet for
Hex(80EC03) contains.

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Color

Hex(80EC03)

Conversions

Conversions Part 1

Format	Color
Hex	80EC03
RGB	128, 236, 3
RGB Percent	50%, 93%, 1%
CMY	0.4980, 0.0745, 0.9882
CMYK	0.46, 0.00, 0.99, 0.07
HSL	88°, 97%, 47%
HSV	88°, 99%, 93%
XYZ	38.9140, 64.5867, 10.5016
YIQ	177.1460, 10.4250, -95.3590

Conversions

Conversions Part 2

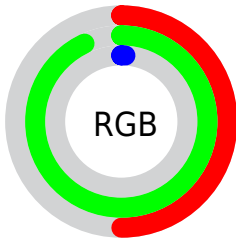
Format	Color
RYB	3, 236, 111
Decimal	8449027
CIELab	84.27, -60.93, 81.16
CIELCh	84, 101.485, 126.896
Yxy	64.5867, 0.3413, 0.5665
Android (android.graphics.Color)	4286639107 (0xFF80EC03)
YUV	177.1460, -85.8540, -43.1010
Hunter-Lab	80.3658, -54.2086, 48.5085

Details

The Hex color **80EC03** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **6F03EC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BDFF5A**, and **3EB300** is the 20% darker color. If you saturate the color by 10%, you get **7FEC00**, and if you desaturate by 10%, it is **8BEC1B**.

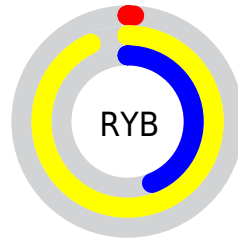
Distribution



Red (50%)

Green (93%)

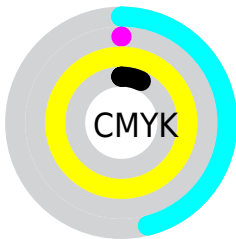
Blue (1%)



Red (1%)

Yellow (93%)

Blue (44%)

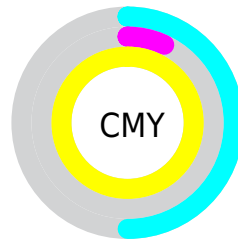


Cyan (46%)

Magenta (0%)

Yellow (99%)

Black (7%)



Cyan (50%)

Magenta (7%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80EC03 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 80EC03 by changing the saturation by 10% instead.

 80EC03

 80EC03

FFFFFF

 61CF00

 BDFF5A

 3EB300

 DCFF78

 0A9800

 FBFF96

 007D00

 FFFFB3

 006300

 FFFFD1

 004A00

 FFFFEE

 003300

 001800

 000000

 80EC03

 80EC03

 7FEC00

 8BEC1B

 96EC32

 A1EC4A

 ACEC61

 B7EC79

 C2EC91

 CDECA8

 D8ECC0

 E2ECD7

Harmonies

Analogous

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



E8D500



80EC03



00F882

Triad

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



80EC03



00F0FF



FF61C0

Complementary

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



80EC03



6F03EC

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.



FF7BFF



80EC03



00D7FF

Square

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



80EC03



00FBFF



EDA EFF



FF8264

Rectangle

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



80EC03



00FCC5



EDA EFF



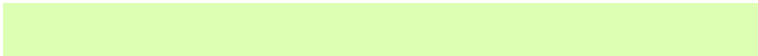
FF63E0

Sweetspot

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



80EC03



DCFFB3



EC6C03



6A8052



000000



808080

Same Dimension

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



80EC03



89FF00



0FEC03



70756A



61B500



1D3600

Inverse Universe

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



6F03EC



7600FF



E003EC



6F6A75



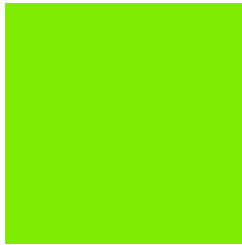
5400B5



190036

Previews

White Background



This preview shows how the Hex color 80EC03 looks on a white background.

Color Contrast Check

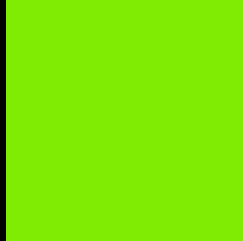
Large Text (above 18pt) WCAG AA × Fail

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 80EC03 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 80EC03 Background



This preview shows how black text looks on a background with the Hex color 80EC03.



This preview shows how white text looks on a background with the Hex color 80EC03.

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](#).

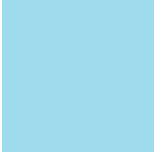
Dichromacy



Original Color
80EC03

Protanopia
ECD100

Deuteranopia
FFC863



Tritanopia
9DDBED

Trichromacy



Original Color
80EC03



Protanomaly
C5DB01



Deuteranomaly
D1D540

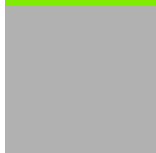


Tritanomaly
92E198

Monochromacy



Original Color
80EC03



Achromatopsia
B1B1B1



Achromatomaly
9FC672

CSS Examples

Text

The CSS property to change the color of the text to Hex 80EC03 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 #80EC03 looks like.

```
.text, #text, p{  
    color:#80EC03  
}
```

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 #80EC03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80EC03
}
```

Border

The CSS property to change the border of an element to Hex 80EC03 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
#80EC03 }
```

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

```
.border{ border-color:#80EC03 }
```

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

Here you see how a box with a 4 pixel #80EC03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80EC03; -webkit-box-shadow:4px 4px  
4px 4px #80EC03; box-shadow:4px 4px 4px  
4px #80EC03 }
```

Background

The CSS property to change the background color of an element to Hex 80EC03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80EC03 }
```

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

```
.background{ background-color:#80EC03 }
```

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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