

Converting Colors

Hex(80ED26)

Have a look what the booklet for
Hex(80ED26) contains.

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Color

Hex(80ED26)

Conversions

Conversions Part 1

Format	Color
Hex	80ED26
RGB	128, 237, 38
RGB Percent	50%, 93%, 15%
CMY	0.4980, 0.0706, 0.8510
CMYK	0.46, 0.00, 0.84, 0.07
HSL	93°, 85%, 54%
HSV	93°, 84%, 93%
XYZ	39.5361, 65.2975, 12.3536
YIQ	181.7230, -1.0850, -84.9970

Conversions

Conversions Part 2

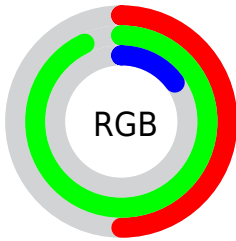
Format	Color
RYB	38, 237, 147
Decimal	8449318
CIELab	84.64, -60.54, 76.69
CIELCh	85, 97.705, 128.288
Yxy	65.2975, 0.3374, 0.5572
Android (android.graphics.Color)	4286639398 (0xFF80ED26)
YUV	181.7230, -70.8554, -47.1151
Hunter-Lab	80.8069, -54.0779, 47.5006

Details

The Hex color **80ED26** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **9326ED**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BDFF68**, and **3FB400** is the 20% darker color. If you saturate the color by 10%, you get **73ED0E**, and if you desaturate by 10%, it is **8DED3E**.

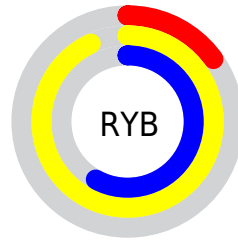
Distribution



Red (50%)

Green (93%)

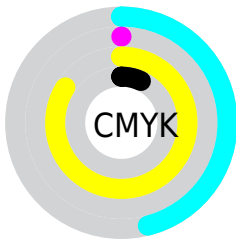
Blue (15%)



Red (15%)

Yellow (93%)

Blue (58%)

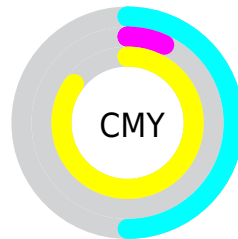


Cyan (46%)

Magenta (0%)

Yellow (84%)

Black (7%)



Cyan (50%)

Magenta (7%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80ED26 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 80ED26 by changing the saturation by 10% instead.

 80ED26

 80ED26

FFFFFF

 61D000

 BDFF68

 3FB400


 DBFF85

 0E9900

 FAFFA2

 007E00

 FFFFBF

 006400

 FFFFDD

 004B00

 FFFFFB

 003400

 001900

 000000

 80ED26

 80ED26

 73ED0E

 8DED3E

 6BED00

 9AED55

 A7ED6D

 B4ED85

 C1ED9C

 CEEDB4

 DBEDCC

 E8EDE4

 F5EDFB

Harmonies

Analogous

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



E5D700



80ED26



00F88B

Triad

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



80ED26



00EFFF



FF6BBE

Complementary

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



80ED26



9326ED

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.



FF7FFF



80ED26



00D6FF

Square

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



80ED26



00FBFF



F5AEFF



FF8A65

Rectangle

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



80ED26



00FCCB



F5AEFF



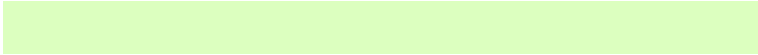
FF6CDD

Sweetspot

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



80ED26



DCFFBF



ED9026



6B8059



000000



808080

Same Dimension

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



80ED26



73FF00



26ED2D



6F756A



52B500



183600

Inverse Universe

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



9326ED



8C00FF



ED26E6



706A75



6300B5



1D0036

Previews

White Background



This preview shows how the Hex color 80ED26 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 80ED26 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

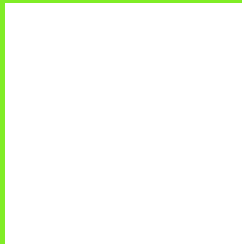
Any Text WCAG AAA ✓ Pass

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

Hex 80ED26 Background



This preview shows how black text looks on a background with the Hex color 80ED26.

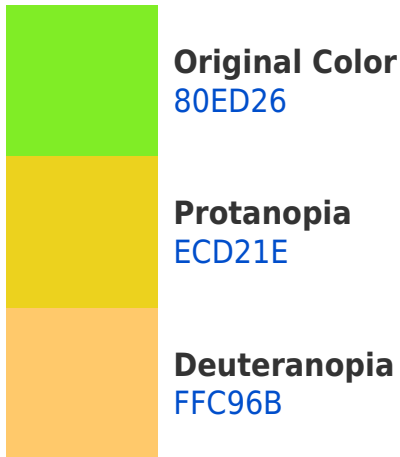


This preview shows how white text looks on a background with the Hex color 80ED26.

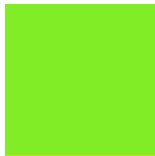
Color Blindness Simulation

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



Trichromacy



Original Color
80ED26



Protanomaly
C5DC21



Deuteranomaly
D1D652

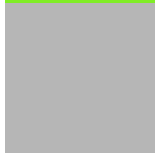


Tritanomaly
92E3A5

Monochromacy



Original Color
80ED26



Achromatopsia
B6B6B6



Achromatomaly
A2CA82

CSS Examples

Text

The CSS property to change the color of the text to Hex 80ED26 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 #80ED26 looks like.

```
.text, #text, p{  
    color:#80ED26  
}
```

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 #80ED26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80ED26
}
```

Border

The CSS property to change the border of an element to Hex 80ED26 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
#80ED26 }
```

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

```
.border{ border-color:#80ED26 }
```

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

Here you see how a box with a 4 pixel #80ED26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80ED26; -webkit-box-shadow:4px 4px  
4px 4px #80ED26; box-shadow:4px 4px 4px  
4px #80ED26 }
```

Background

The CSS property to change the background color of an element to Hex 80ED26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80ED26 }
```

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

```
.background{ background-color:#80ED26 }
```

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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