

Converting Colors

Hex(80EB90)

Have a look what the booklet for
Hex(80EB90) contains.

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Color

Hex(80EB90)

Conversions

Conversions Part 1

Format	Color
Hex	80EB90
RGB	128, 235, 144
RGB Percent	50%, 92%, 56%
CMY	0.4980, 0.0784, 0.4353
CMYK	0.46, 0.00, 0.39, 0.08
HSL	129°, 73%, 71%
HSV	129°, 46%, 92%
XYZ	43.6445, 66.0195, 36.8283
YIQ	192.6330, -34.5610, -50.9850

Conversions

Conversions Part 2

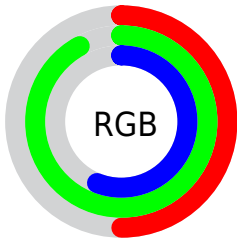
Format	Color
RYB	128, 221, 235
Decimal	8448912
CIELab	85.01, -49.63, 34.80
CIELCh	85, 60.613, 144.961
Yxy	66.0195, 0.2979, 0.4507
Android (android.graphics.Color)	4286638992 (0xFF80EB90)
YUV	192.6330, -23.9761, -56.6831
Hunter-Lab	81.2524, -46.3109, 30.0030

Details

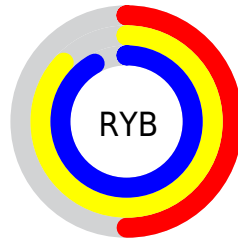
The Hex color **80EB90** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EB80DB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BAFFC7**, and **46B25C** is the 20% darker color. If you saturate the color by 10%, you get **69EB7C**, and if you desaturate by 10%, it is **98EBA4**.

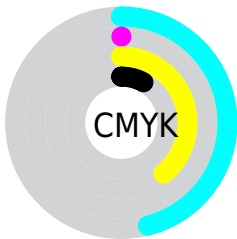
Distribution



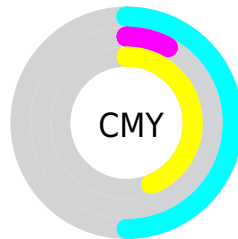
- Red (50%)
- Green (92%)
- Blue (56%)



- Red (50%)
- Yellow (87%)
- Blue (92%)



- Cyan (46%)
- Magenta (0%)
- Yellow (39%)
- Black (8%)



- Cyan (50%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80EB90 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 80EB90 by changing the saturation by 10% instead.

 80EB90

FFFFFF

 BAFFC7

 D7FFE3

 F5FFFF

 80EB90

 63CE76

 46B25C

 249744

 007C2B

 006313

 004A00

 003200

 001A00

 000000

 80EB90

 80EB90

 69EB7C

 98EBA4

 51EB68

 AFE8B8

 39EB54

 C6EBCC

 22EB40

 DEEBE0

 0AEB2C

 F5EBF4

 00EB23

 FFE8FF

Harmonies

Analogous

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



C6DF68



80EB90



00F1C8

Triad

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



80EB90



4BDDFF



FFA7A7

Complementary

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



80EB90



EB80DB

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.



FFA4E0



80EB90



C9C9FF

Square

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



80EB90



00EBFF



FFB3FF



FFB978

Rectangle

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



80EB90



00F1F0



FFB3FF



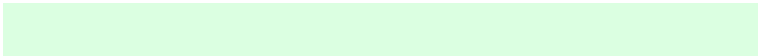
FFA4BA

Sweetspot

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



80EB90



DBFFE1



DDEB80



6A806D



000000



808080

Same Dimension

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



80EB90



73FF88



80EBC4



6A756B



00B51B



003608

Inverse Universe

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



EB80DB



FF73EA



EB80A7



756A74



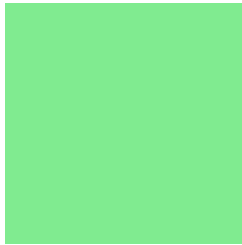
B5009A



36002E

Previews

White Background



This preview shows how the Hex color 80EB90 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 80EB90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

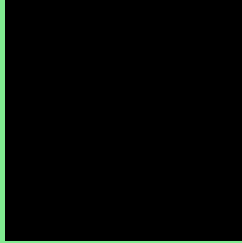
Any Text WCAG AA ✓ Pass

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 80EB90 Background



This preview shows how black text looks on a background with the Hex color 80EB90.

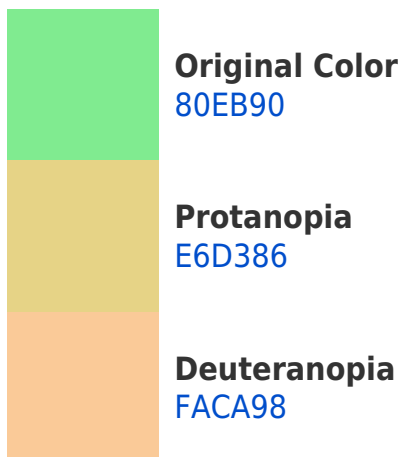


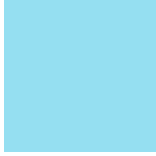
This preview shows how white text looks on a background with the Hex color 80EB90.

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



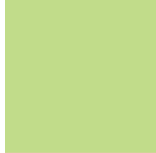


Tritanopia
95DFF1

Trichromacy



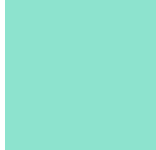
Original Color
80EB90



Protanomaly
C1DC8A

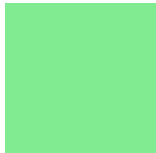


Deuteranomaly
CED695

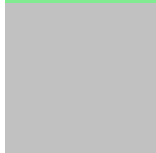


Tritanomaly
8DE3CE

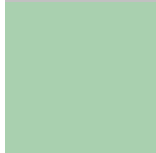
Monochromacy



Original Color
80EB90



Achromatopsia
C1C1C1



Achromatomaly
A9D0AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 80EB90 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 #80EB90 looks like.

```
.text, #text, p{  
    color:#80EB90  
}
```

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 #80EB90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80EB90
}
```

Border

The CSS property to change the border of an element to Hex 80EB90 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
#80EB90 }
```

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

```
.border{ border-color:#80EB90 }
```

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

Here you see how a box with a 4 pixel #80EB90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80EB90; -webkit-box-shadow:4px 4px  
4px 4px #80EB90; box-shadow:4px 4px 4px  
4px #80EB90 }
```

Background

The CSS property to change the background color of an element to Hex 80EB90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80EB90 }
```

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

```
.background{ background-color:#80EB90 }
```

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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