

Converting Colors

Hex(84EA91)

Have a look what the booklet for
Hex(84EA91) contains.

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Color

Hex(84EA91)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84EA91 |
| RGB | 132, 234, 145 |
| RGB Percent | 52%, 92%, 57% |
| CMY | 0.4824, 0.0824, 0.4314 |
| CMYK | 0.44, 0.00, 0.38, 0.08 |
| HSL | 128°, 71%, 72% |
| HSV | 128°, 44%, 92% |
| XYZ | 44.0494, 65.7955, 37.1662 |
| YIQ | 193.3560, -32.2230, -49.3030 |

Conversions

Conversions Part 2

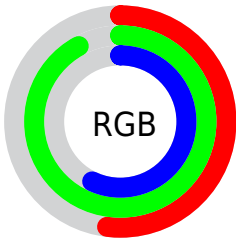
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 222, 234 |
| Decimal | 8710801 |
| CIELab | 84.89, -47.95, 34.18 |
| CIELCh | 85, 58.880, 144.517 |
| Yxy | 65.7955, 0.2996, 0.4476 |
| Android (android.graphics.Color) | 4286900881 (0xFF84EA91) |
| YUV | 193.3560, -23.8395, -53.8092 |
| Hunter-Lab | 81.1144, -45.0154, 29.6137 |

Details

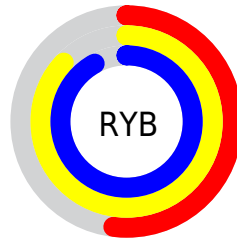
The Hex color **84EA91** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA84DD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BDFFC8**, and **4BB15D** is the 20% darker color. If you saturate the color by 10%, you get **6DEA7D**, and if you desaturate by 10%, it is **9BEAA5**.

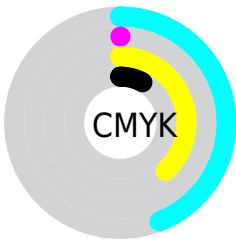
Distribution



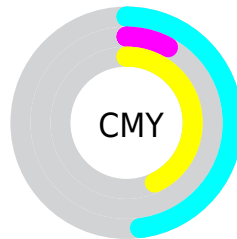
- Red (52%)
- Green (92%)
- Blue (57%)



- Red (52%)
- Yellow (87%)
- Blue (92%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (48%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84EA91 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 84EA91 by changing the saturation by 10% instead.

 84EA91

 84EA91

FFFFFF

 68CD77

 BDFFC8

 4BB15D

 DBFFE4

 2B9645

 F8FFFF

 007C2D

 006214

 004900

 003200

 001A00

 000000

 84EA91

 84EA91

 6DEA7D

 9BEAA5

 55EA68

 B3EABA

 3EEA54

 CAEACE

 26EA3F

 E2EAE3

 0FEA2B

 F9EAF7

 00EA1E

 FFEAFF

Harmonies

Analogous

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



C7DF6B



84EA91



00F0C8

Triad

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



84EA91



52DDFF



FFA9A9

Complementary

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



84EA91



EA84DD

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.



FFA6E1



84EA91



C8C9FF

Square

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



84EA91



00EAFF



FFB4FF



FFB97B

Rectangle

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



84EA91



00F0EE



FFB4FF



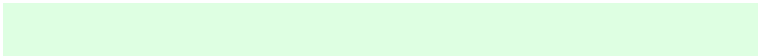
FFA6BB

Sweetspot

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



84EA91



DEFFE2



DEEA84



6B806E



000000



808080

Same Dimension

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



84EA91



7AFF8B



84EAC3



6A756B



00B517



003607

Inverse Universe

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



EA84DD



FF7AEE



EA84AB



756A74



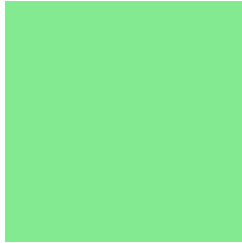
B5009E



36002F

Previews

White Background



This preview shows how the Hex color 84EA91 looks on a white background.

Color Contrast Check

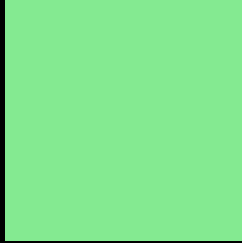
Large Text (above 18pt) WCAG AA × Fail

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 84EA91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

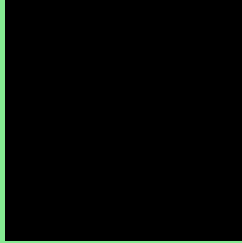
Any Text WCAG AA ✓ Pass

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 84EA91 Background



This preview shows how black text looks on a background with the Hex color 84EA91.

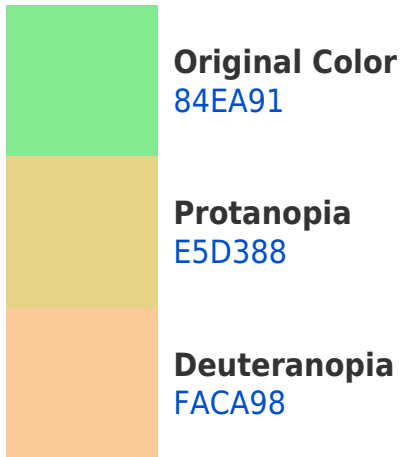


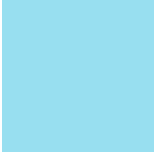
This preview shows how white text looks on a background with the Hex color 84EA91.

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



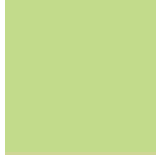


Tritanopia
98DFF0

Trichromacy



Original Color
84EA91



Protanomaly
C2DB8B



Deuteranomaly
CFD695



Tritanomaly
91E3CD

Monochromacy



Original Color
84EA91



Achromatopsia
C1C1C1



Achromatomaly
ABD0B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 84EA91 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 #84EA91 looks like.

```
.text, #text, p{  
    color:#84EA91  
}
```

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 #84EA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84EA91
}
```

Border

The CSS property to change the border of an element to Hex 84EA91 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
#84EA91 }
```

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

```
.border{ border-color:#84EA91 }
```

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

Here you see how a box with a 4 pixel #84EA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84EA91; -webkit-box-shadow:4px 4px  
4px 4px #84EA91; box-shadow:4px 4px 4px  
4px #84EA91 }
```

Background

The CSS property to change the background color of an element to Hex 84EA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84EA91 }
```

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

```
.background{ background-color:#84EA91 }
```

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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