

Converting Colors

Hex(86EBA1)

Have a look what the booklet for
Hex(86EBA1) contains.

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Color

Hex(86EBA1)

Conversions

Conversions Part 1

Format	Color
Hex	86EBA1
RGB	134, 235, 161
RGB Percent	53%, 92%, 63%
CMY	0.4745, 0.0784, 0.3686
CMYK	0.43, 0.00, 0.31, 0.08
HSL	136°, 72%, 72%
HSV	136°, 43%, 92%
XYZ	45.9729, 67.0582, 44.2387
YIQ	196.3650, -36.4420, -44.4260

Conversions

Conversions Part 2

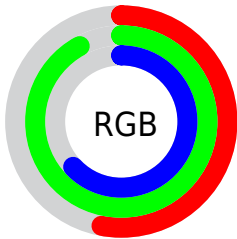
Format	Color
RYB	134, 214, 235
Decimal	8842145
CIELab	85.53, -45.16, 26.93
CIELCh	86, 52.576, 149.193
Yxy	67.0582, 0.2923, 0.4264
Android (android.graphics.Color)	4287032225 (0xFF86EBA1)
YUV	196.3650, -17.4349, -54.6941
Hunter-Lab	81.8891, -43.0952, 25.2923

Details

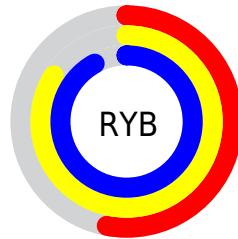
The Hex color **86EBA1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB86D0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BFFFD8**, and **4DB26D** is the 20% darker color. If you saturate the color by 10%, you get **6FEB90**, and if you desaturate by 10%, it is **9EEBB2**.

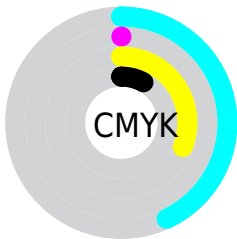
Distribution



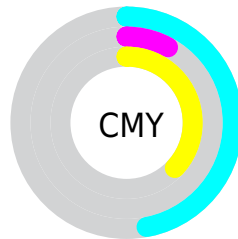
- Red (53%)
- Green (92%)
- Blue (63%)



- Red (53%)
- Yellow (84%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86EBA1 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 86EBA1 by changing the saturation by 10% instead.

 86EBA1

FFFFFF

 BFFFD8

 DCFFF5

 FAFFFF

 86EBA1

 6ACE87

 4DB26D

 2E9754

 007D3C

 006325

 004A0E

 003300

 001C00

 000000

 86EBA1

 86EBA1

 6FEB90

 9EEBB2

 57EB7F


 B5EBC3

 40EB6D

 CDEBD5

 28EB5C

 E4EBE6

 11EB4B

 FCEBF7

 00EB3F

 FFEBF7

Harmonies

Analogous

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



C3E17C



86EBA1



23EFD3

Triad

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



86EBA1



82DBFF



FFB2A8

Complementary

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



86EBA1



EB86D0

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.



FFAED9



86EBA1



D8C9FF

Square

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



86EBA1



00E8FF



FFB7FF



FFC181

Rectangle

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



86EBA1



00F0F5



FFB7FF



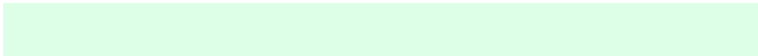
FFAFB8

Sweetspot

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



86EBA1



DEFFE7



D0EB86



6B8071



000000



808080

Same Dimension

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



86EBA1



7AFF9E



86EBD3



6A756D



00B530



00360E

Inverse Universe

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



EB86D0



FF7ADC



EB869E



756A72



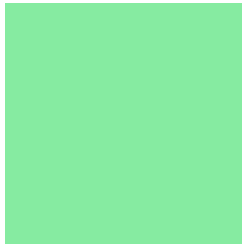
B50085



360027

Previews

White Background



This preview shows how the Hex color 86EBA1 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 86EBA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

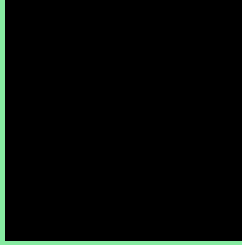
Any Text WCAG AA ✓ Pass

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 86EBA1 Background



This preview shows how black text looks on a background with the Hex color 86EBA1.

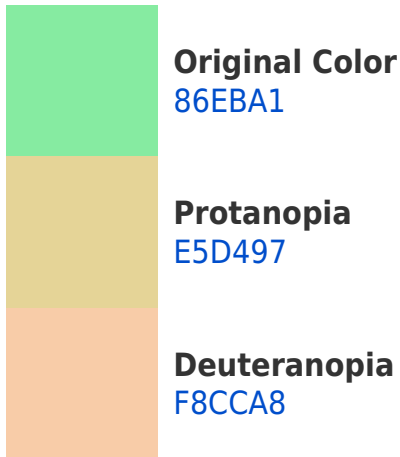


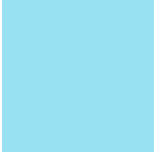
This preview shows how white text looks on a background with the Hex color 86EBA1.

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



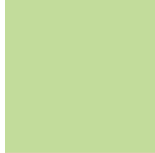


Tritanopia
98E1F3

Trichromacy



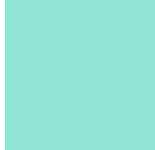
Original Color
86EBA1



Protanomaly
C2DC9B



Deuteranomaly
CFD7A5



Tritanomaly
91E5D5

Monochromacy



Original Color
86EBA1



Achromatopsia
C4C4C4



Achromatomaly
ADD2B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 86EBA1 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 #86EBA1 looks like.

```
.text, #text, p{  
    color:#86EBA1  
}
```

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 #86EBA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EBA1
}
```

Border

The CSS property to change the border of an element to Hex 86EBA1 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
#86EBA1 }
```

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

```
.border{ border-color:#86EBA1 }
```

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

Here you see how a box with a 4 pixel #86EBA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EBA1; -webkit-box-shadow:4px 4px  
4px 4px #86EBA1; box-shadow:4px 4px 4px  
4px #86EBA1 }
```

Background

The CSS property to change the background color of an element to Hex 86EBA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EBA1 }
```

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

```
.background{ background-color:#86EBA1 }
```

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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