

Converting Colors

Hex(85AEB1)

Have a look what the booklet for
Hex(85AEB1) contains.

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Color

Hex(85AEB1)

Conversions

Conversions Part 1

Format	Color
Hex	85AEB1
RGB	133, 174, 177
RGB Percent	52%, 68%, 69%
CMY	0.4784, 0.3176, 0.3059
CMYK	0.25, 0.02, 0.00, 0.31
HSL	184°, 22%, 61%
HSV	184°, 25%, 69%
XYZ	32.7447, 38.4330, 47.2874
YIQ	162.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

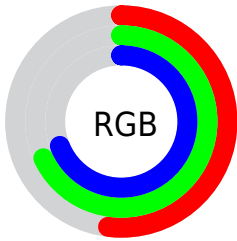
Format	Color
RYB	133, 154, 177
Decimal	8761009
CIELab	68.34, -13.01, -6.05
CIElCh	68, 14.351, 204.919
Yxy	38.4330, 0.2764, 0.3244
Android (android.graphics.Color)	4286951089 (0xFF85AEB1)
YUV	162.0830, 7.3541, -25.5058
Hunter-Lab	61.9943, -14.2083, -1.8286

Details

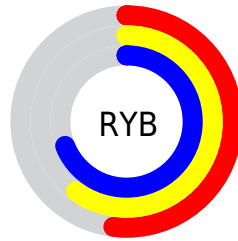
The Hex color **85AEB1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B18885**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BBE6E9**, and **527A7C** is the 20% darker color. If you saturate the color by 10%, you get **73ADB1**, and if you desaturate by 10%, it is **97AFB1**.

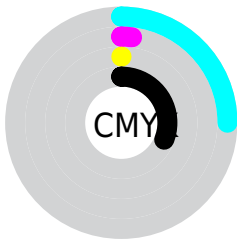
Distribution



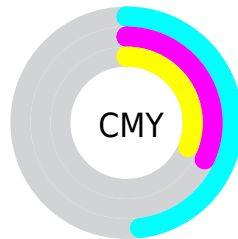
- Red (52%)
- Green (68%)
- Blue (69%)



- Red (52%)
- Yellow (60%)
- Blue (69%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)



- Cyan (48%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85AEB1 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 85AEB1 by changing the saturation by 10% instead.



85AEB1



85AEB1

FFFFFF



6B9396



BBE6E9



527A7C



D7FFFF



396164



F4FFFF



21494C



063235



001D20



000008



000000



85AEB1



85AEB1

73ADB1

97AFB1

62ACB1

A8B0B1

50AAB1

BAB2B1

3EA9B1

CCB3B1

2DA8B1

DEB4B1

1BA7B1

EFB5B1

09A6B1

FFB6B1

00A5B1

FFB8B1

FFB9B1

Harmonies

Analogous

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



8AAEA4



85AEB1



89ACBB

Triad

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



85AEB1



B6A0B6



B3A58D

Complementary

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



85AEB1



B18885

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.



BEA192



85AEB1



BF9EA9

Square

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



85AEB1



A6A4BE



C29E9C



A5A98F

Rectangle

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



85AEB1



91AABF



C29E9C



B7A48E

Sweetspot

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



85AEB1



D5E4E6



85B188



6A7273



F2F2F2



737373

Same Dimension

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



85AEB1



A1E1E6



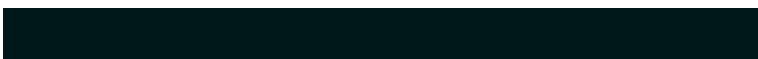
8598B1



505959



008F99



00181A

Inverse Universe

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



B185AE



E6A1E1



B19E85



595059



99008F



1A0018

Previews

White Background



This preview shows how the Hex color 85AEB1 looks on a white background.

Color Contrast Check

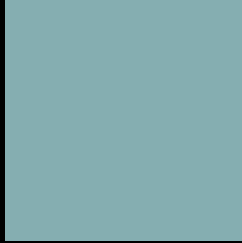
Large Text (above 18pt) WCAG AA × Fail

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 85AEB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

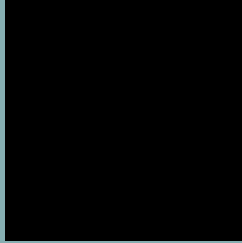
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

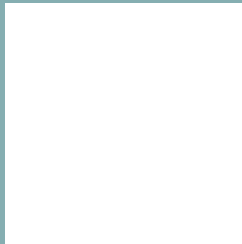
Any Text WCAG AAA ✓ Pass

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

Hex 85AEB1 Background



This preview shows how black text looks on a background with the Hex color 85AEB1.

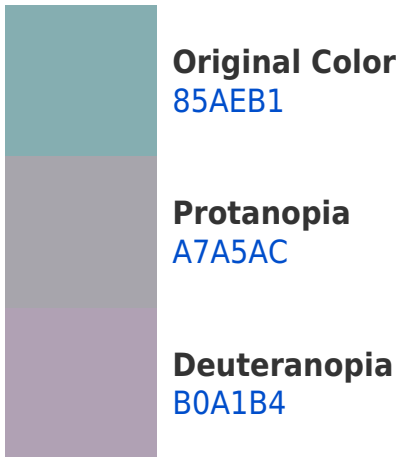


This preview shows how white text looks on a background with the Hex color 85AEB1.

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](#).

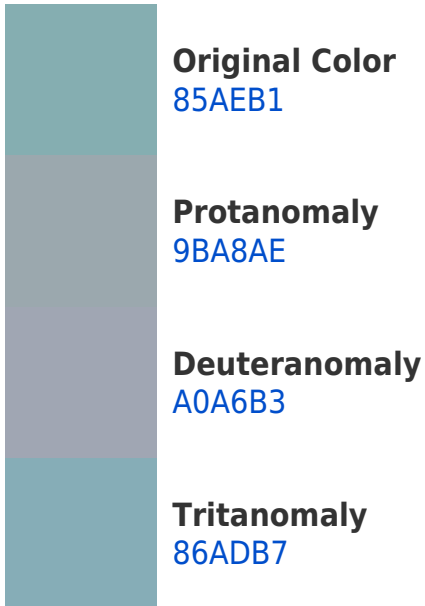
Dichromacy



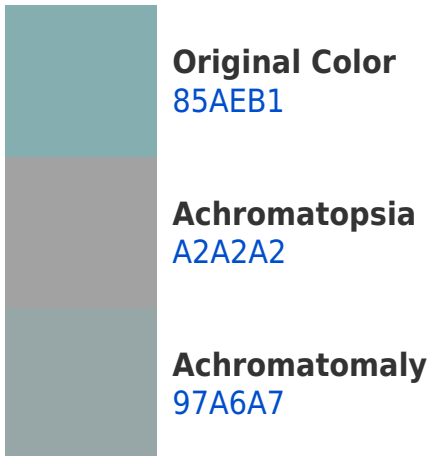


Tritanopia
87ADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85AEB1 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 #85AEB1 looks like.

```
.text, #text, p{  
    color:#85AEB1  
}
```

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 #85AEB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AEB1
}
```

Border

The CSS property to change the border of an element to Hex 85AEB1 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
#85AEB1 }
```

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

```
.border{ border-color:#85AEB1 }
```

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

Here you see how a box with a 4 pixel #85AEB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AEB1; -webkit-box-shadow:4px 4px  
4px 4px #85AEB1; box-shadow:4px 4px 4px  
4px #85AEB1 }
```

Background

The CSS property to change the background color of an element to Hex 85AEB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AEB1 }
```

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

```
.background{ background-color:#85AEB1 }
```

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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