

Converting Colors

Hex(82AEB6)

Have a look what the booklet for
Hex(82AEB6) contains.

| | |
|--|----|
| Hex(82AEB6) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(82AEB6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 82AEB6 |
| RGB | 130, 174, 182 |
| RGB Percent | 51%, 68%, 71% |
| CMY | 0.4902, 0.3176, 0.2863 |
| CMYK | 0.29, 0.04, 0.00, 0.29 |
| HSL | 189°, 26%, 61% |
| HSV | 189°, 29%, 71% |
| XYZ | 32.7855, 38.3953, 49.9390 |
| YIQ | 161.7560, -28.7920, -6.8400 |

Conversions

Conversions Part 2

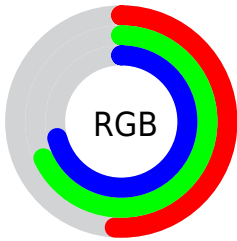
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 130, 154, 182 |
| Decimal | 8564406 |
| CIELab | 68.31, -12.75, -8.87 |
| CIELCh | 68, 15.535, 214.835 |
| Yxy | 38.3953, 0.2707, 0.3170 |
| Android (android.graphics.Color) | 4286754486 (0xFF82AEB6) |
| YUV | 161.7560, 9.9803, -27.8500 |
| Hunter-Lab | 61.9640, -13.9916, -4.4092 |

Details

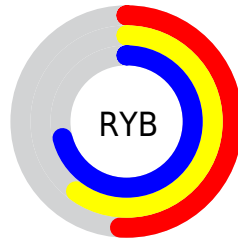
The Hex color **82AEB6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B68A82**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B8E6EE**, and **4F7A81** is the 20% darker color. If you saturate the color by 10%, you get **70ABB6**, and if you desaturate by 10%, it is **94B1B6**.

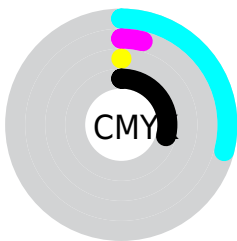
Distribution



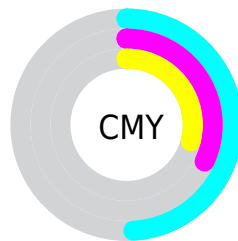
- Red (51%)
- Green (68%)
- Blue (71%)



- Red (51%)
- Yellow (60%)
- Blue (71%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (49%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82AEB6 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 82AEB6 by changing the saturation by 10% instead.

 82AEB6

 82AEB6

FFFFFF

 68939B

 B8E6EE

 4F7A81

 D4FFFF

 366168

 F1FFFF

 1C4950

 003239

 001D24

 00010E

 000000

 82AEB6

 82AEB6

70ABB6

94B1B6

5EA8B6

A6B4B6

4BA6B6

B9B6B6

39A3B6

CBB9B6

27A0B6

DDBC6B6

159DB6

EFBFB6

039AB6

FFC2B6

009AB6

FFC4B6

FFC7B6

Harmonies

Analogous

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



85AFA8



82AEB6



8AABBF

Triad

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



82AEB6



BB9EB3



AFA68B

Complementary

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



82AEB6



B68A82

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.



BCA28E



82AEB6



C39DA5

Square

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



82AEB6



ACA2BE



C39E97



A0AB8F

Rectangle

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



82AEB6



94A9C2



C39E97



B4A58B

Sweetspot

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



82AEB6



D8EAED



82B68A



6B7678



F7F7F7



787878

Same Dimension

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



82AEB6



9DE1ED



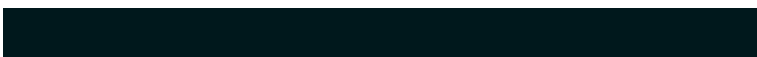
8294B6



535A5C



00849C



00181C

Inverse Universe

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



B682AE



ED9DE1



B6A482



5C535A



9C0084



1C0018

Previews

White Background



This preview shows how the Hex color 82AEB6 looks on a white background.

Color Contrast Check

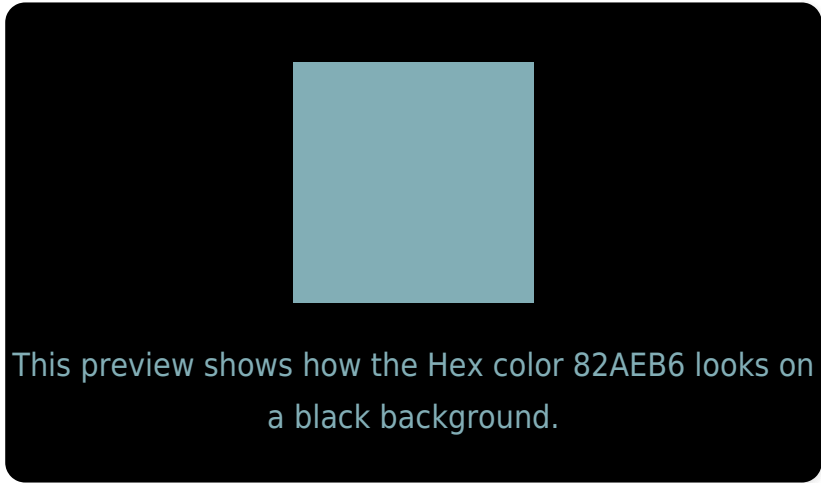
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

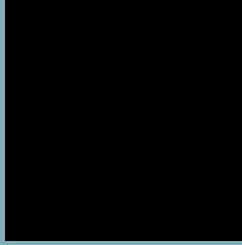
Any Text WCAG AA ✓ Pass

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 82AEB6 Background



This preview shows how black text looks on a background with the Hex color 82AEB6.

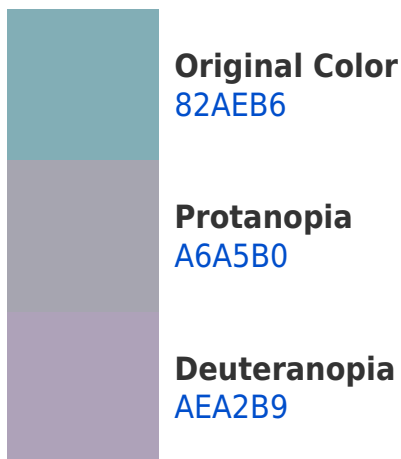


This preview shows how white text looks on a background with the Hex color 82AEB6.

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](#).

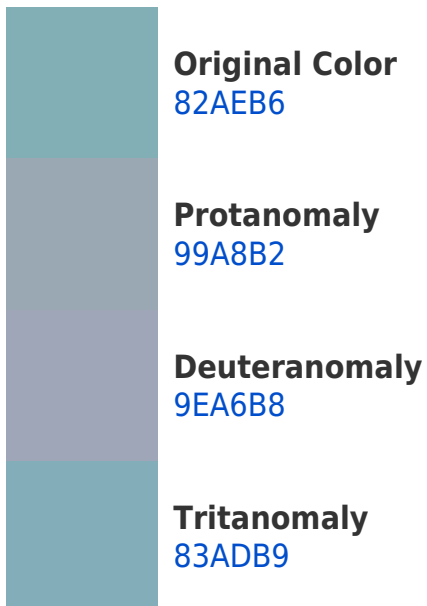
Dichromacy



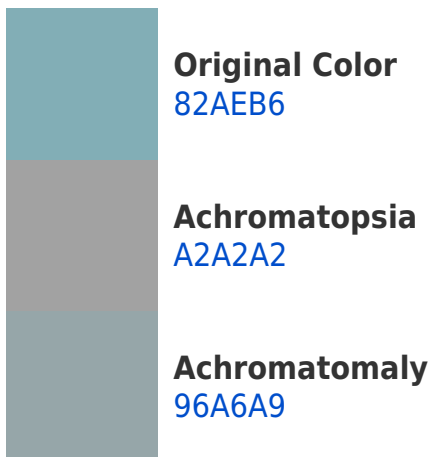


Tritanopia
83ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82AEB6 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 #82AEB6 looks like.

```
.text, #text, p{  
    color:#82AEB6  
}
```

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 #82AEB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82AEB6  
}
```

Border

The CSS property to change the border of an element to Hex 82AEB6 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  
#82AEB6 }
```

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

```
.border{ border-color:#82AEB6 }
```

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

Here you see how a box with a 4 pixel #82AEB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82AEB6; -webkit-box-shadow:4px 4px  
4px 4px #82AEB6; box-shadow:4px 4px 4px  
4px #82AEB6 }
```

Background

The CSS property to change the background color of an element to Hex 82AEB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82AEB6 }
```

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

```
.background{ background-color:#82AEB6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor