

Converting Colors

Hex(68AE96)

Have a look what the booklet for
Hex(68AE96) contains.

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Color

Hex(68AE96)

Conversions

Conversions Part 1

Format	Color
Hex	68AE96
RGB	104, 174, 150
RGB Percent	41%, 68%, 59%
CMY	0.5922, 0.3176, 0.4118
CMYK	0.40, 0.00, 0.14, 0.32
HSL	159°, 30%, 55%
HSV	159°, 40%, 68%
XYZ	26.3500, 35.4172, 34.3016
YIQ	150.3340, -34.0160, -22.3040

Conversions

Conversions Part 2

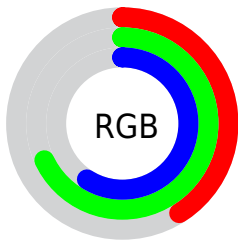
Format	Color
RYB	104, 146, 174
Decimal	6860438
CIELab	66.07, -27.73, 5.42
CIELCh	66, 28.259, 168.948
Yxy	35.4172, 0.2743, 0.3687
Android (android.graphics.Color)	4285050518 (0xFF68AE96)
YUV	150.3340, -0.1647, -40.6349
Hunter-Lab	59.5123, -25.1130, 7.4852

Details

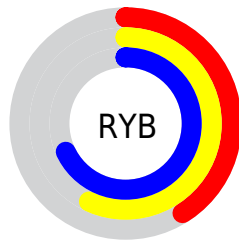
The Hex color **68AE96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE6880**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9EE6CC**, and **337963** is the 20% darker color. If you saturate the color by 10%, you get **57AE90**, and if you desaturate by 10%, it is **79AE9C**.

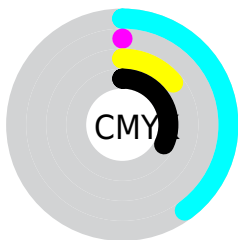
Distribution



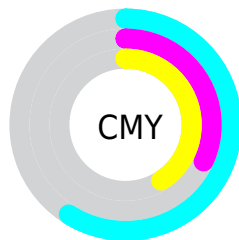
- Red (41%)
- Green (68%)
- Blue (59%)



- Red (41%)
- Yellow (57%)
- Blue (68%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



- Cyan (59%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68AE96 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 68AE96 by changing the saturation by 10% instead.

 68AE96

 68AE96

FFFFFF

 4E937C

 9EE6CC

 337963

 BAF FE8

 16604B

 D6FFFF

 004835

 F3FFFF

 003120

 001E08

 000000

 68AE96

 68AE96

 57AE90

 79AE9C

 45AE8A

 8BAEA2

 34AE84

 9CAEA8

 22AE7E

 AEAEAE

 11AE78

 BFAEB4

 00AE72

 D0AEBA

 E2AEC0

 F3AEC6

 FFAECC

Harmonies

Analogous

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



85AA7F



68AE96



52AFB0

Triad

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



68AE96



979DD0



CD937B

Complementary

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



68AE96



AE6880

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.



D48E91



68AE96



B895C2

Square

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



68AE96



72A6D2



CD8FAB



BB9C6F

Rectangle

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



68AE96



51ADC0



CD8FAB



D09182

Sweetspot

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



68AE96



C8E3DA



81AE68



63736D



F2F2F2



737373

Same Dimension

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



68AE96



76E3BE



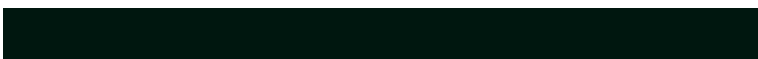
68A3AE



4E5754



009663



00170F

Inverse Universe

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



AE6880



E3769B



AE7368



574E51



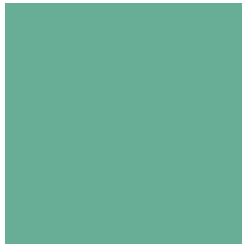
960034



170008

Previews

White Background



This preview shows how the Hex color 68AE96 looks on a white background.

Color Contrast Check

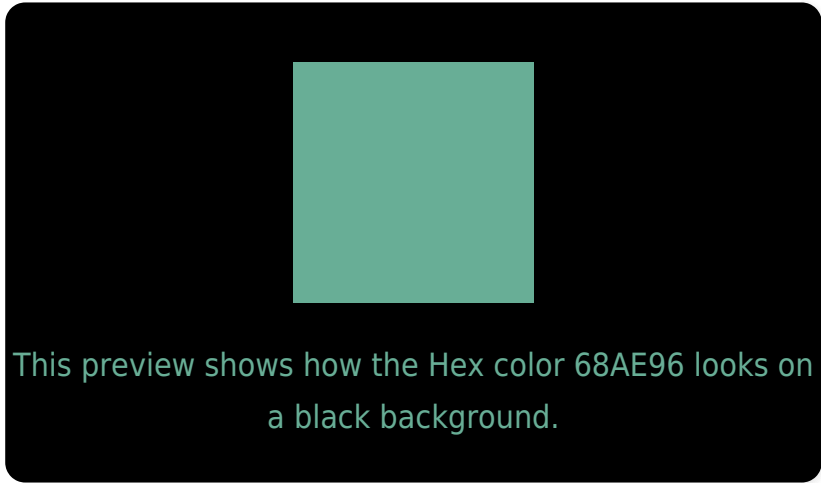
Large Text (above 18pt) WCAG AA × Fail

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

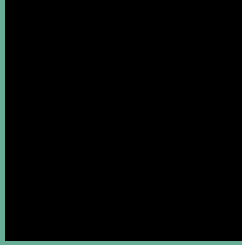
Any Text WCAG AA ✓ Pass

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 68AE96 Background



This preview shows how black text looks on a background with the Hex color 68AE96.

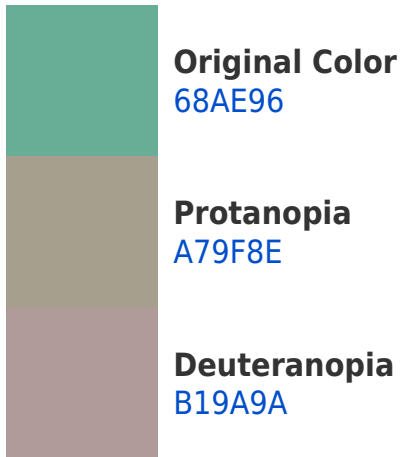


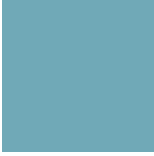
This preview shows how white text looks on a background with the Hex color 68AE96.

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](#).

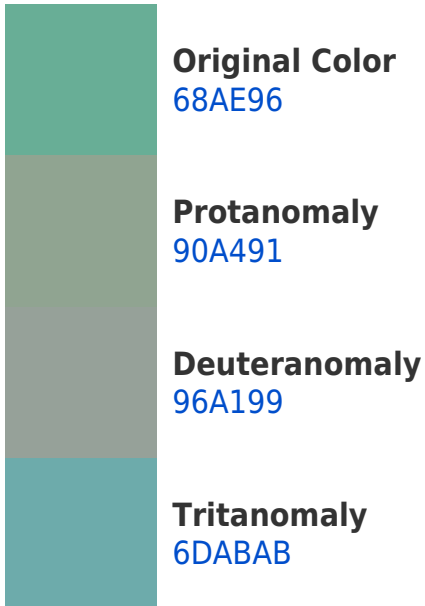
Dichromacy





Tritanopia
70A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68AE96 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 #68AE96 looks like.

```
.text, #text, p{  
    color:#68AE96  
}
```

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 #68AE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68AE96
}
```

Border

The CSS property to change the border of an element to Hex 68AE96 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
#68AE96 }
```

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

```
.border{ border-color:#68AE96 }
```

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

Here you see how a box with a 4 pixel #68AE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68AE96; -webkit-box-shadow:4px 4px  
4px 4px #68AE96; box-shadow:4px 4px 4px  
4px #68AE96 }
```

Background

The CSS property to change the background color of an element to Hex 68AE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68AE96 }
```

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

```
.background{ background-color:#68AE96 }
```

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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