

Converting Colors

Hex(96AE78)

Have a look what the booklet for
Hex(96AE78) contains.

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Color

Hex(96AE78)

Conversions

Conversions Part 1

Format	Color
Hex	96AE78
RGB	150, 174, 120
RGB Percent	59%, 68%, 47%
CMY	0.4118, 0.3176, 0.5294
CMYK	0.14, 0.00, 0.31, 0.32
HSL	87°, 25%, 58%
HSV	87°, 31%, 68%
XYZ	31.1039, 38.1122, 23.4863
YIQ	160.6680, 3.0300, -21.8820

Conversions

Conversions Part 2

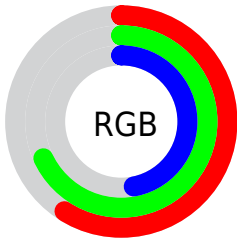
Format	Color
RYB	120, 174, 144
Decimal	9875064
CIELab	68.10, -17.96, 25.06
CIELCh	68, 30.830, 125.622
Yxy	38.1122, 0.3355, 0.4111
Android (android.graphics.Color)	4288065144 (0xFF96AE78)
YUV	160.6680, -20.0493, -9.3558
Hunter-Lab	61.7351, -18.1030, 20.6584

Details

The Hex color **96AE78** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9078AE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CDE6AD**, and **627A47** is the 20% darker color. If you saturate the color by 10%, you get **8EAE67**, and if you desaturate by 10%, it is **9EAE89**.

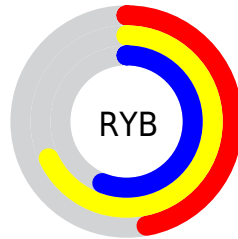
Distribution



Red (59%)

Green (68%)

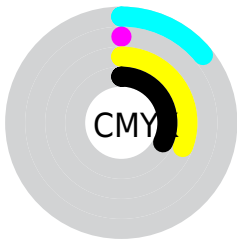
Blue (47%)



Red (47%)

Yellow (68%)

Blue (56%)

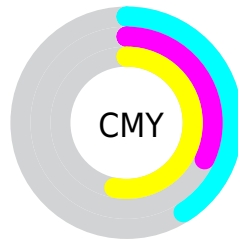


Cyan (14%)

Magenta (0%)

Yellow (31%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AE78 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 96AE78 by changing the saturation by 10% instead.



96AE78



96AE78

FFFFFF



7C935F



CDE6AD



627A47



E9FFC8



4A6130



FFFFE4



324919



1C3201



001E00



000000



96AE78



96AE78



8EAE67



9EAE89

 87AE55

 A5AE9B

 7FAE44

 ADAEAC

 77AE32

 B5AEBE

 6FAE21

 BDAECF

 68AE10

 C4AEE0

 61AE00

 CCAEF2

 D4AEFF

 DCAEFF

Harmonies

Analogous

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



B4A66E



96AE78



75B38E

Triad

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



96AE78



60AFD8



DC91A2

Complementary

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



96AE78



9078AE

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.



CE94BE



96AE78



89A7DD

Square

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



96AE78



49B4C5



B19DD3



DB9487

Rectangle

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



96AE78



60B5A1



B19DD3



D991AB

Sweetspot

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



96AE78



DAE3CF



AE8F78



6D7366



F2F2F2



737373

Same Dimension

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



96AE78



BEE38F



7CAE78



53574E



549600



0D1700

Inverse Universe

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



9078AE



B48FE3



AA78AE



524E57



430096



0A0017

Previews

White Background



This preview shows how the Hex color 96AE78 looks on a white background.

Color Contrast Check

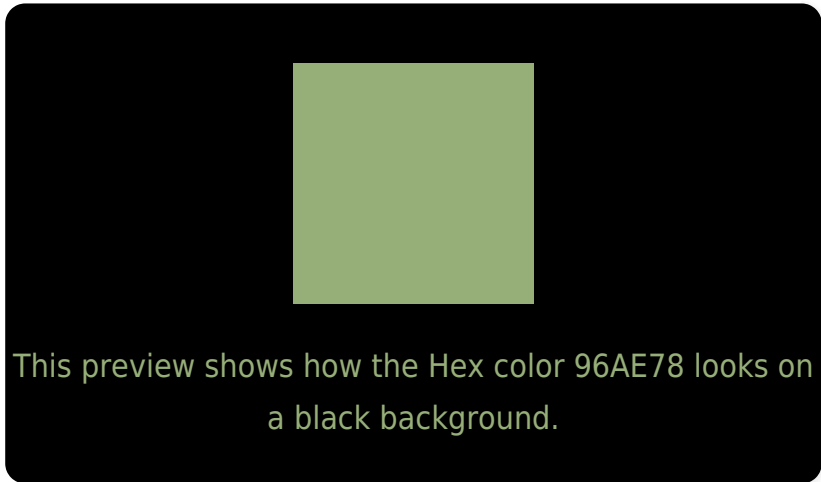
Large Text (above 18pt) WCAG AA × Fail

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

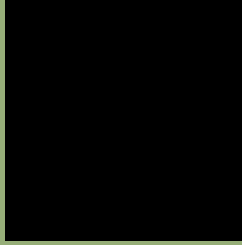
Any Text WCAG AA ✓ Pass

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 96AE78 Background



This preview shows how black text looks on a background with the Hex color 96AE78.

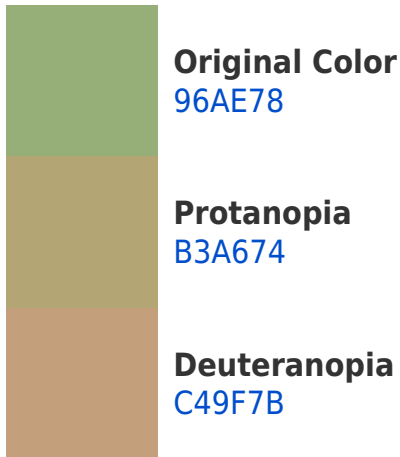


This preview shows how white text looks on a background with the Hex color 96AE78.

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](#).

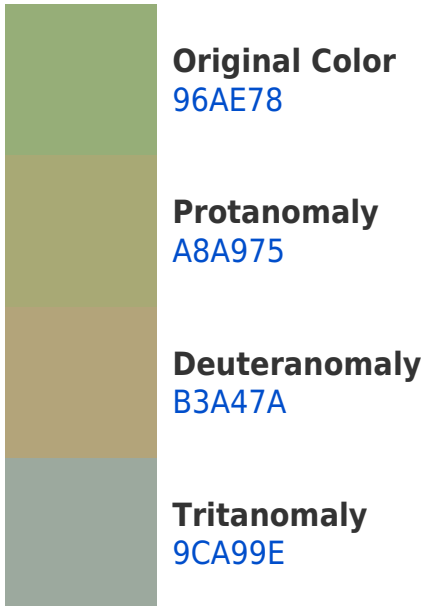
Dichromacy



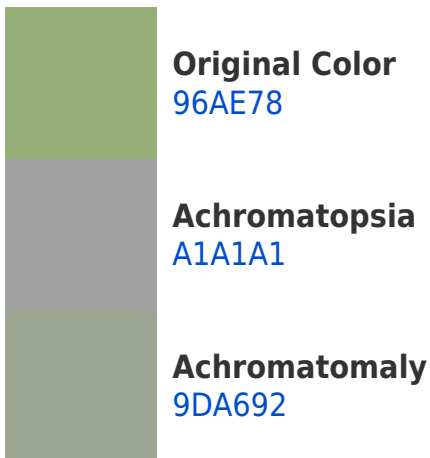


Tritanopia
9FA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96AE78 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 #96AE78 looks like.

```
.text, #text, p{  
    color:#96AE78  
}
```

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 #96AE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AE78
}
```

Border

The CSS property to change the border of an element to Hex 96AE78 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
#96AE78 }
```

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

```
.border{ border-color:#96AE78 }
```

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

Here you see how a box with a 4 pixel #96AE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AE78; -webkit-box-shadow:4px 4px  
4px 4px #96AE78; box-shadow:4px 4px 4px  
4px #96AE78 }
```

Background

The CSS property to change the background color of an element to Hex 96AE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AE78 }
```

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

```
.background{ background-color:#96AE78 }
```

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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