

Converting Colors

Hex(96AE93)

Have a look what the booklet for
Hex(96AE93) contains.

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Color

Hex(96AE93)

Conversions

Conversions Part 1

Format	Color
Hex	96AE93
RGB	150, 174, 147
RGB Percent	59%, 68%, 58%
CMY	0.4118, 0.3176, 0.4235
CMYK	0.14, 0.00, 0.16, 0.32
HSL	113°, 14%, 63%
HSV	113°, 16%, 68%
XYZ	32.9802, 38.8627, 33.3668
YIQ	163.7460, -5.6370, -13.4850

Conversions

Conversions Part 2

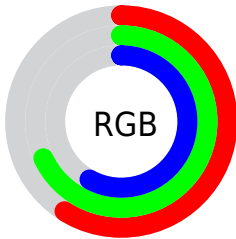
Format	Color
RYB	147, 174, 171
Decimal	9875091
CIELab	68.65, -13.53, 11.11
CIELCh	69, 17.506, 140.596
Yxy	38.8627, 0.3135, 0.3694
Android (android.graphics.Color)	4288065171 (0xFF96AE93)
YUV	163.7460, -8.2558, -12.0552
Hunter-Lab	62.3400, -14.6617, 11.9037

Details

The Hex color **96AE93** is a light color, and the websafe version is hex **999966**. A complement of this color would be **AB93AE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CCE6C9**, and **637A60** is the 20% darker color. If you saturate the color by 10%, you get **87AE82**, and if you desaturate by 10%, it is **A5AEA4**.

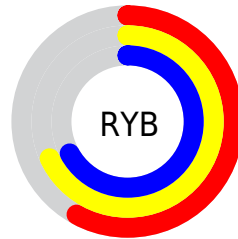
Distribution



Red (59%)

Green (68%)

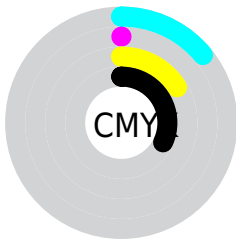
Blue (58%)



Red (58%)

Yellow (68%)

Blue (67%)

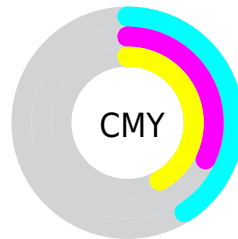


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AE93 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 96AE93 by changing the saturation by 10% instead.

■ 96AE93

■ 96AE93

FFFFFF

■ 7C9379

■ CCE6C9

■ 637A60

■ E9FFE5

■ 4B6149

■ 344932

■ 1E321D

■ 091D04

■ 000000

■ 96AE93

■ 96AE93

■ 87AE82

■ A5AEA4

 77AE70

 B5AEB6

 68AE5F

 C4AEC7

 58AE4D

 D4AED9

 49AE3C

 E3AEEA

 39AE2B

 F3AEFB

 2AAE19

 FFAEFF

 1AAE08

 13AE00

Harmonies

Analogous

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



A8AA8A



96AE93



86B0A2

Triad

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



96AE93



8FAAC6



C99D9D

Complementary

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



96AE93



AB93AE

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.



C49DAD



96AE93



A4A5C5

Square

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



96AE93



81AEBF



B7A0BC



C4A090

Rectangle

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



96AE93



7FB1AD



B7A0BC



C89CA2

Sweetspot

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



96AE93



D9E3D8



AEAB93



6D736C



F2F2F2



737373

Same Dimension

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



96AE93



BDE3B8



93AE9D



4F574E



119600



031700

Inverse Universe

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



AB93AE



DEB8E3



AE93A4



564E57



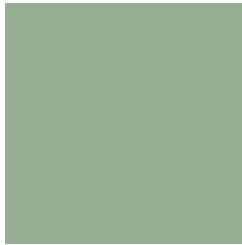
860096



140017

Previews

White Background



This preview shows how the Hex color 96AE93 looks on a white background.

Color Contrast Check

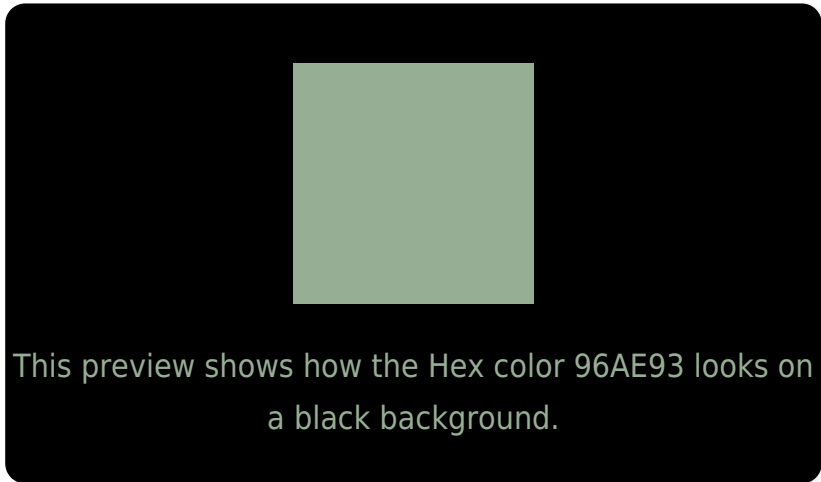
Large Text (above 18pt) WCAG AA × Fail

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

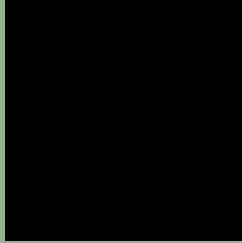
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

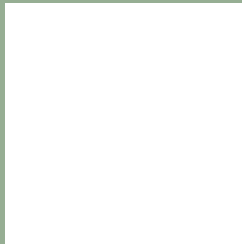
Any Text WCAG AAA ✓ Pass

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

Hex 96AE93 Background



This preview shows how black text looks on a background with the Hex color 96AE93.



This preview shows how white text looks on a background with the Hex color 96AE93.

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
9CA9B6

Trichromacy



Original Color
96AE93

Protanomaly
A7AA90

Deuteranomaly
AFA695

Tritanomaly
9AABA9

Monochromacy



Original Color
96AE93

Achromatopsia
A4A4A4

Achromatomaly
9FA89E

CSS Examples

Text

The CSS property to change the color of the text to Hex 96AE93 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 #96AE93 looks like.

```
.text, #text, p{  
    color:#96AE93  
}
```

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 #96AE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AE93
}
```

Border

The CSS property to change the border of an element to Hex 96AE93 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
#96AE93 }
```

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

```
.border{ border-color:#96AE93 }
```

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

Here you see how a box with a 4 pixel #96AE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AE93; -webkit-box-shadow:4px 4px  
4px 4px #96AE93; box-shadow:4px 4px 4px  
4px #96AE93 }
```

Background

The CSS property to change the background color of an element to Hex 96AE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AE93 }
```

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

```
.background{ background-color:#96AE93 }
```

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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