

Converting Colors

Hex(90AC83)

Have a look what the booklet for
Hex(90AC83) contains.

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Color

Hex(90AC83)

Conversions

Conversions Part 1

Format	Color
Hex	90AC83
RGB	144, 172, 131
RGB Percent	56%, 67%, 51%
CMY	0.4353, 0.3255, 0.4863
CMYK	0.16, 0.00, 0.24, 0.33
HSL	101°, 20%, 59%
HSV	101°, 24%, 67%
XYZ	30.3509, 37.0730, 27.0289
YIQ	158.9540, -3.5270, -18.6870

Conversions

Conversions Part 2

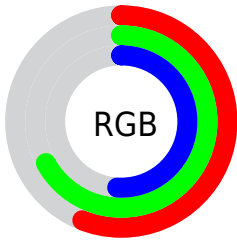
Format	Color
RYB	131, 172, 159
Decimal	9481347
CIELab	67.33, -17.43, 17.98
CIElCh	67, 25.045, 134.117
Yxy	37.0730, 0.3213, 0.3925
Android (android.graphics.Color)	4287671427 (0xFF90AC83)
YUV	158.9540, -13.7813, -13.1147
Hunter-Lab	60.8876, -17.5759, 16.3017

Details

The Hex color **90AC83** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9F83AC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C6E3B8**, and **5D7851** is the 20% darker color. If you saturate the color by 10%, you get **84AC72**, and if you desaturate by 10%, it is **9CAC94**.

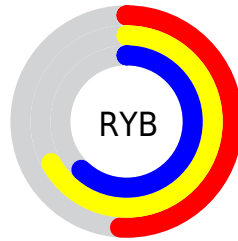
Distribution



Red (56%)

Green (67%)

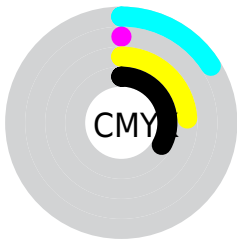
Blue (51%)



Red (51%)

Yellow (67%)

Blue (62%)

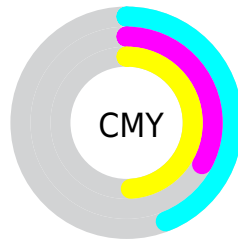


Cyan (16%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AC83 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 90AC83 by changing the saturation by 10% instead.

 90AC83

 90AC83

FFFFFF

 76916A

 C6E3B8

 5D7851

 E2FFD4

 455F3A

 FFFFF0

 2E4724

 18300F

 001C00

 000000

 90AC83

 90AC83

 84AC72

 9CAC94

 79AC61

 A7ACA5

 6DAC4F

 B3ACB7

 61AC3E

 BFACC8

 55AC2D

 CBACD9

 4AAC1C

 D6ACEA

 3EAC0B

 E2ACFB

 37AC00

 EEACFF

 FAACFF

Harmonies

Analogous

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



A9A678



90AC83



77B097

Triad

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



90AC83



78AACF



D2949A

Complementary

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



90AC83



9F83AC

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.



C995B1



90AC83



97A2CF

Square

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



90AC83



63AFC3



B59BC4



CE9786

Rectangle

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



90AC83



69B1A6



B59BC4



D093A2

Sweetspot

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



90AC83



D6E0D1



AC9E83



6A7067



F0F0F0



707070

Same Dimension

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



90AC83



B4E09F



83AC8A



51574E



309600



071700

Inverse Universe

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



9F83AC



CC9FE0



AC83A5



544E57



670096



100017

Previews

White Background



This preview shows how the Hex color 90AC83 looks on a white background.

Color Contrast Check

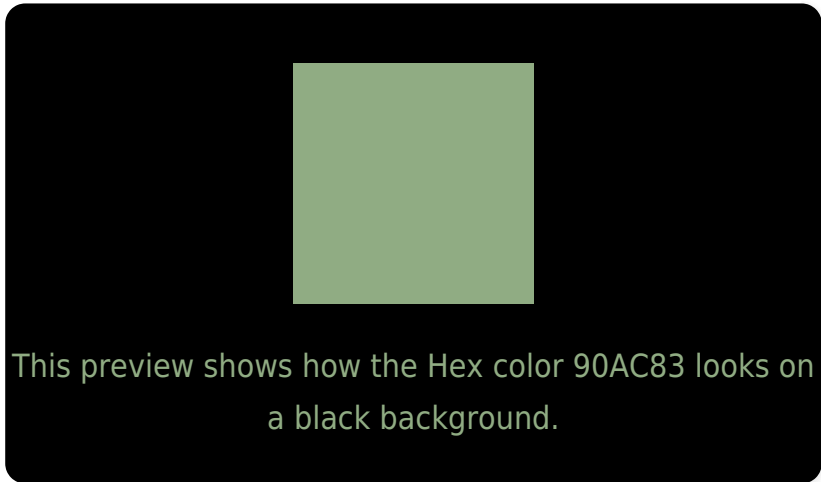
Large Text (above 18pt) WCAG AA × Fail

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

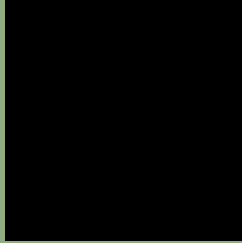
Any Text WCAG AA ✓ Pass

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 90AC83 Background



This preview shows how black text looks on a background with the Hex color 90AC83.

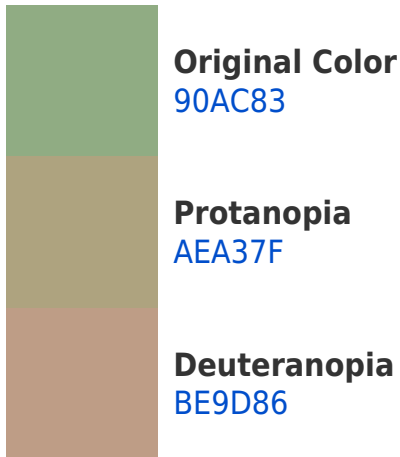


This preview shows how white text looks on a background with the Hex color 90AC83.

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](#).

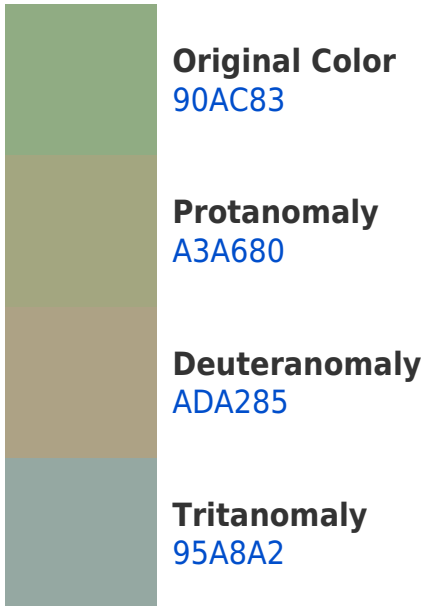
Dichromacy



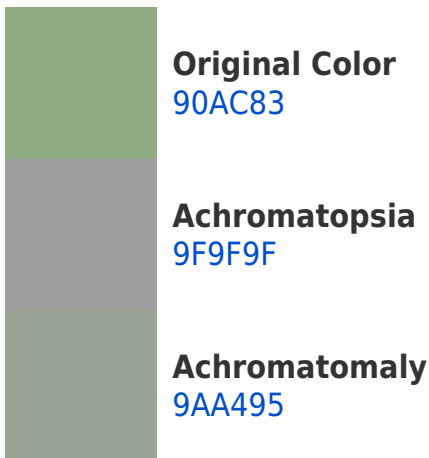


Tritanopia
98A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AC83 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 #90AC83 looks like.

```
.text, #text, p{  
    color:#90AC83  
}
```

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 #90AC83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AC83
}
```

Border

The CSS property to change the border of an element to Hex 90AC83 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
#90AC83 }
```

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

```
.border{ border-color:#90AC83 }
```

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

Here you see how a box with a 4 pixel #90AC83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AC83; -webkit-box-shadow:4px 4px  
4px 4px #90AC83; box-shadow:4px 4px 4px  
4px #90AC83 }
```

Background

The CSS property to change the background color of an element to Hex 90AC83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AC83 }
```

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

```
.background{ background-color:#90AC83 }
```

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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