

Converting Colors

Hex(91AB87)

Have a look what the booklet for
Hex(91AB87) contains.

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Color

Hex(91AB87)

Conversions

Conversions Part 1

Format	Color
Hex	91AB87
RGB	145, 171, 135
RGB Percent	57%, 67%, 53%
CMY	0.4314, 0.3294, 0.4706
CMYK	0.15, 0.00, 0.21, 0.33
HSL	103°, 18%, 60%
HSV	103°, 21%, 67%
XYZ	30.6131, 36.8948, 28.4296
YIQ	159.1220, -3.9400, -16.7080

Conversions

Conversions Part 2

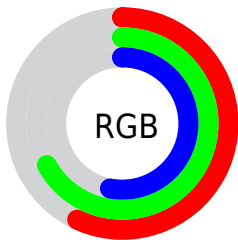
Format	Color
RYB	135, 171, 161
Decimal	9546631
CIELab	67.20, -15.88, 15.61
CIElCh	67, 22.268, 135.476
Yxy	36.8948, 0.3191, 0.3846
Android (android.graphics.Color)	4287736711 (0xFF91AB87)
YUV	159.1220, -11.8921, -12.3850
Hunter-Lab	60.7411, -16.3341, 14.7684

Details

The Hex color **91AB87** is a light color, and the websafe version is hex **999966**. A complement of this color would be **A187AB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C7E2BC**, and **5E7755** is the 20% darker color. If you saturate the color by 10%, you get **85AB76**, and if you desaturate by 10%, it is **9DAB98**.

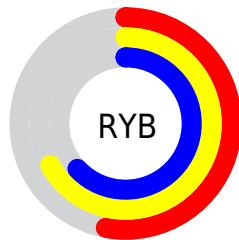
Distribution



Red (57%)

Green (67%)

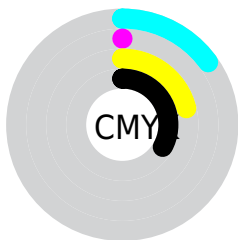
Blue (53%)



Red (53%)

Yellow (67%)

Blue (63%)

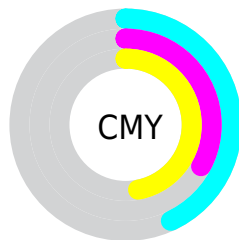


Cyan (15%)

Magenta (0%)

Yellow (21%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91AB87 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 91AB87 by changing the saturation by 10% instead.



91AB87



91AB87

FFFFFF



77906E



C7E2BC



5E7755



E3FFD8



465E3E



FFFFF5



2F4628



193013



001C00



000000



91AB87



91AB87



85AB76



9DAB98

 78AB65

 AAABA9

 6CAB54

 B6ABBA

 60AB43

 C2ABCB

 53AB31

 CFABDC

 47AB20

 DBABEE

 3BAB0F

 E7ABFF

 2FAB00

 F4ABFF

 FFABFF

Harmonies

Analogous

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



A8A67D



91AB87



7BAE99

Triad

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



91AB87



7FA8CA



CD959A

Complementary

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



91AB87



A187AB

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.



C696AE



91AB87



9AA2CA

Square

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



91AB87



6DADB F



B49BC0



C99988

Rectangle

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



91AB87



70AFA7



B49BC0



CC95A1

Sweetspot

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



91AB87



D4DED1



ABA187



6B7068



F0F0F0



707070

Same Dimension

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



91AB87



B6DEA6



87AB8F



50574E



2A9600



061700

Inverse Universe

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



A187AB



CEA6DE



AB87A3



544E57



6D0096



110017

Previews

White Background



This preview shows how the Hex color 91AB87 looks on a white background.

Color Contrast Check

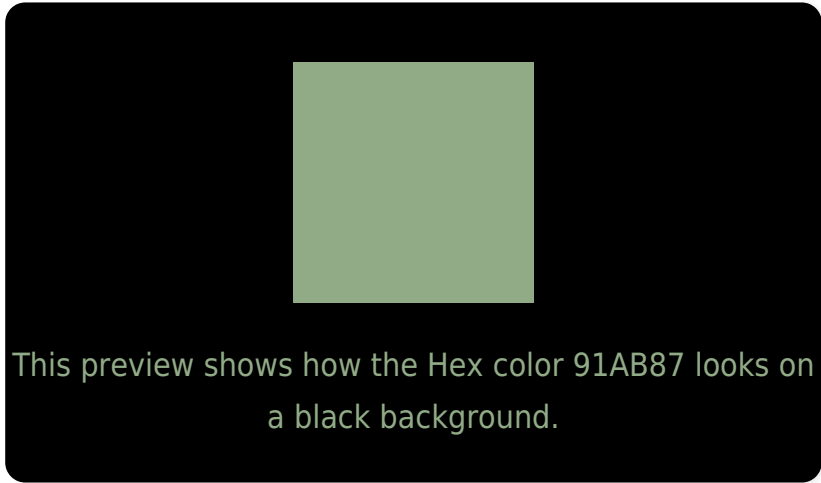
Large Text (above 18pt) WCAG AA × Fail

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

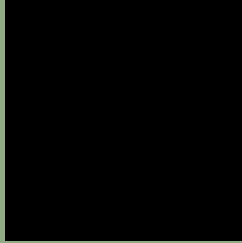
Any Text WCAG AA ✓ Pass

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 91AB87 Background



This preview shows how black text looks on a background with the Hex color 91AB87.

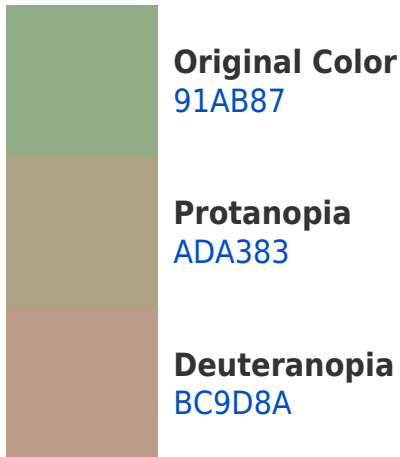


This preview shows how white text looks on a background with the Hex color 91AB87.

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](#).

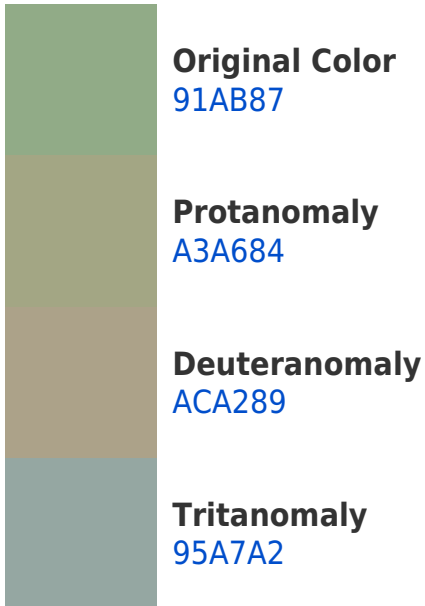
Dichromacy



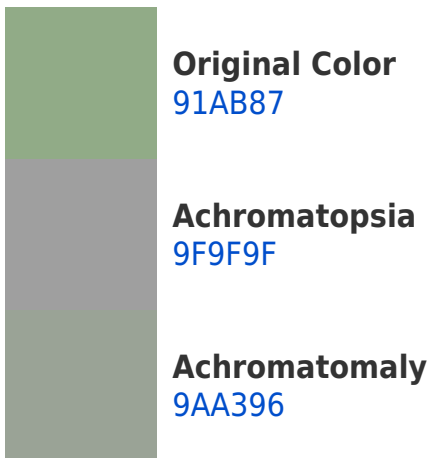


Tritanopia
98A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91AB87 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 #91AB87 looks like.

```
.text, #text, p{  
    color:#91AB87  
}
```

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 #91AB87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AB87
}
```

Border

The CSS property to change the border of an element to Hex 91AB87 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
#91AB87 }
```

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

```
.border{ border-color:#91AB87 }
```

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

Here you see how a box with a 4 pixel #91AB87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AB87; -webkit-box-shadow:4px 4px  
4px 4px #91AB87; box-shadow:4px 4px 4px  
4px #91AB87 }
```

Background

The CSS property to change the background color of an element to Hex 91AB87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AB87 }
```

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

```
.background{ background-color:#91AB87 }
```

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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