

Converting Colors

Hex(91AB71)

Have a look what the booklet for
Hex(91AB71) contains.

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Color

Hex(91AB71)

Conversions

Conversions Part 1

Format	Color
Hex	91AB71
RGB	145, 171, 113
RGB Percent	57%, 67%, 44%
CMY	0.4314, 0.3294, 0.5569
CMYK	0.15, 0.00, 0.34, 0.33
HSL	87°, 26%, 56%
HSV	87°, 34%, 67%
XYZ	29.2206, 36.3378, 21.0966
YIQ	156.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

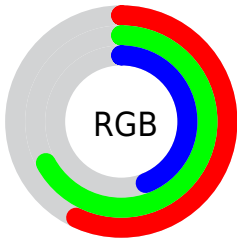
Format	Color
RYB	113, 171, 139
Decimal	9546609
CIELab	66.78, -19.34, 26.99
CIELCh	67, 33.203, 125.625
Yxy	36.3378, 0.3372, 0.4193
Android (android.graphics.Color)	4287736689 (0xFF91AB71)
YUV	156.6140, -21.5017, -10.1855
Hunter-Lab	60.2809, -18.9652, 21.4468

Details

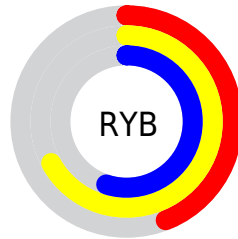
The Hex color **91AB71** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8B71AB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C8E2A5**, and **5E7740** is the 20% darker color. If you saturate the color by 10%, you get **89AB60**, and if you desaturate by 10%, it is **99AB82**.

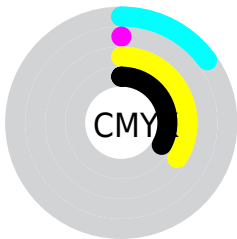
Distribution



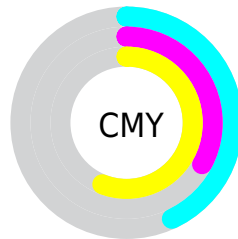
- Red (57%)
- Green (67%)
- Blue (44%)



- Red (44%)
- Yellow (67%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (34%)
- Black (33%)



- Cyan (43%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91AB71 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 91AB71 by changing the saturation by 10% instead.



91AB71



91AB71

FFFFFF



779058



C8E2A5



5E7740



E4FFC1



455E29



FFFFDD



2D4613



FFFFF9



183000



001C00



000000



91AB71



91AB71



89AB60



99AB82

■ 82AB4F

■ A0AB93

■ 7AAB3E

■ A8ABA4

■ 72AB2D

■ B0ABB5

■ 6BAB1B

■ B7ABC6

■ 63AB0A

■ BFABD8

■ 5EAB00

■ C7ABE9

■ CEABFA

■ D6ABFF

Harmonies

Analogous

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



B1A267



91AB71



6DB189

Triad

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



91AB71



53ACD8



DC8C9E

Complementary

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



91AB71



8B71AB

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.



CD8FBC



91AB71



82A3DE

Square

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



91AB71



36B1C4



AE99D3



DB8F81

Rectangle

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



91AB71



55B29D



AE99D3



D98CA8

Sweetspot

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



91AB71



D4DEC8



AB8A71



6A7063



F0F0F0



707070

Same Dimension

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



91AB71



B5DE83



75AB71



53574E



539600



0D1700

Inverse Universe

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



8B71AB



AC83DE



A771AB



524E57



430096



0A0017

Previews

White Background



This preview shows how the Hex color 91AB71 looks on a white background.

Color Contrast Check

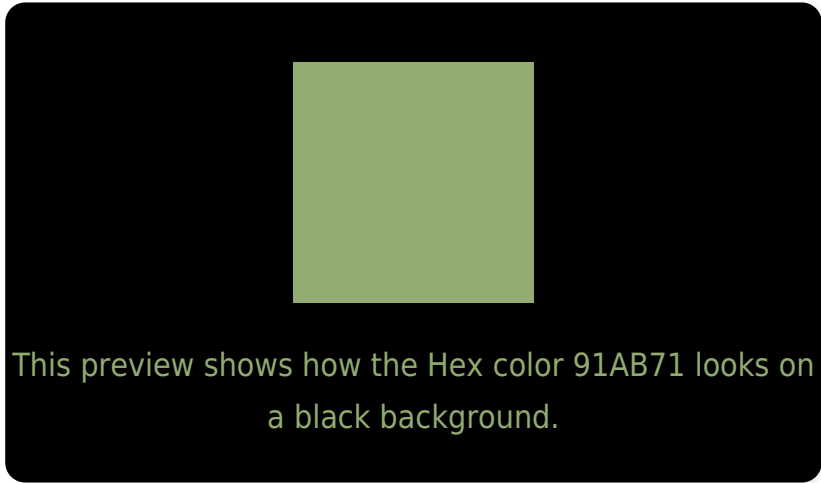
Large Text (above 18pt) WCAG AA × Fail

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

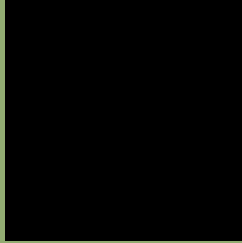
Any Text WCAG AA ✓ Pass

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 91AB71 Background



This preview shows how black text looks on a background with the Hex color 91AB71.

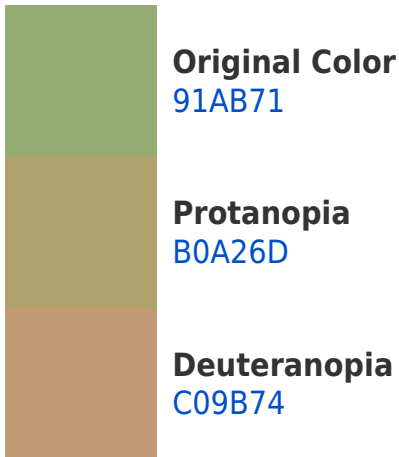


This preview shows how white text looks on a background with the Hex color 91AB71.

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](#).

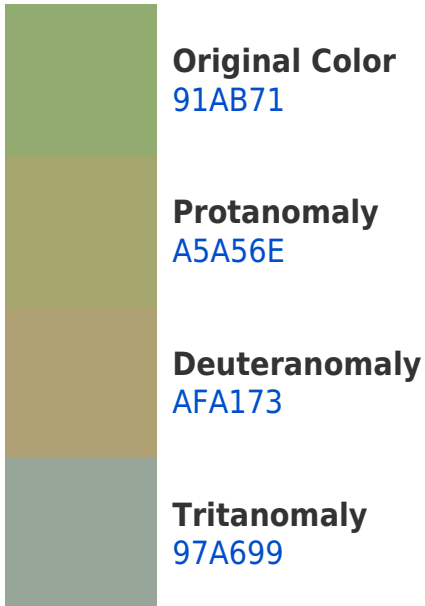
Dichromacy



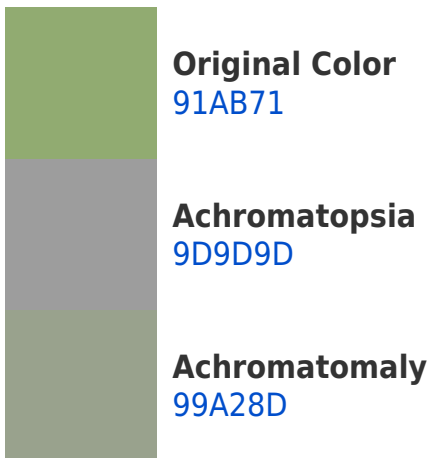


Tritanopia
9AA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91AB71 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 #91AB71 looks like.

```
.text, #text, p{  
    color:#91AB71  
}
```

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 #91AB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AB71  
}
```

Border

The CSS property to change the border of an element to Hex 91AB71 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  
#91AB71 }
```

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

```
.border{ border-color:#91AB71 }
```

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

Here you see how a box with a 4 pixel #91AB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AB71; -webkit-box-shadow:4px 4px  
4px 4px #91AB71; box-shadow:4px 4px 4px  
4px #91AB71 }
```

Background

The CSS property to change the background color of an element to Hex 91AB71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AB71 }
```

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

```
.background{ background-color:#91AB71 }
```

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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