

Converting Colors

Hex(91AEA2)

Have a look what the booklet for
Hex(91AEA2) contains.

Hex(91AEA2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(91AEA2)

Conversions

Conversions Part 1

Format	Color
Hex	91AEA2
RGB	145, 174, 162
RGB Percent	57%, 68%, 64%
CMY	0.4314, 0.3176, 0.3647
CMYK	0.17, 0.00, 0.07, 0.32
HSL	155°, 15%, 63%
HSV	155°, 17%, 68%
XYZ	33.3347, 38.9005, 39.9340
YIQ	163.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

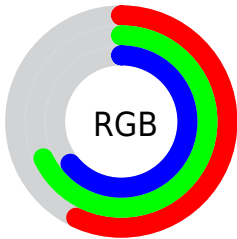
Format	Color
RYB	145, 163, 174
Decimal	9547426
CIELab	68.68, -12.39, 2.84
CIELCh	69, 12.711, 167.101
Yxy	38.9005, 0.2972, 0.3468
Android (android.graphics.Color)	4287737506 (0xFF91AEA2)
YUV	163.9610, -0.9668, -16.6288
Hunter-Lab	62.3703, -13.7460, 5.6973

Details

The Hex color **91AEA2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE919D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C7E6D9**, and **5E7A6E** is the 20% darker color. If you saturate the color by 10%, you get **80AE9B**, and if you desaturate by 10%, it is **A2AEA9**.

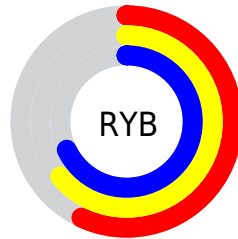
Distribution



Red (57%)

Green (68%)

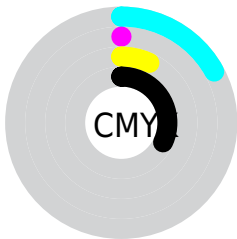
Blue (64%)



Red (57%)

Yellow (64%)

Blue (68%)

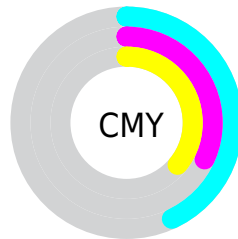


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (32%)



Cyan (43%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91AEA2 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 91AEA2 by changing the saturation by 10% instead.

 91AEA2

 91AEA2

FFFFFF

 779388

 C7E6D9

 5E7A6E

 E3FFF5

 466156

 2F493F

 193229

 031D15

 000000

 91AEA2

 91AEA2

 80AE9B

 A2AEA9

 6EAE94

 B4AEBO

 5DAE8C

 C5AEB8

 4BAE85

 D7AEBF

 3AAE7E

 E8AEC6

 29AE77

 F9AECD

 17AE70

 FFAED4

 06AE68

 FFAEDC

 00AE66

 FFAEE3

Harmonies

Analogous

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



9DAC98



91AEA2



8BAEAE

Triad

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



91AEA2



A4A6BD



BEA297

Complementary

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



91AEA2



AE919D

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.



C0A0A1



91AEA2



B2A3B7

Square

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



91AEA2



96AABE



BCA0AD



B6A591

Rectangle

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



91AEA2



8BAEB5



BCA0AD



BFA19A

Sweetspot

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



91AEA2



D8E3DE



9DAE91



6C7370



F2F2F2



737373

Same Dimension

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



91AEA2



B6E3D0



91ACAE



4E5753



009658



00170D

Inverse Universe

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



AE919D



E3B6C8



AE9391



574E52



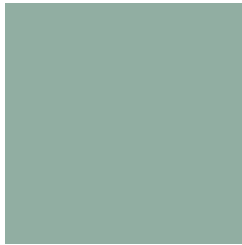
96003E



170009

Previews

White Background



This preview shows how the Hex color 91AEA2 looks on a white background.

Color Contrast Check

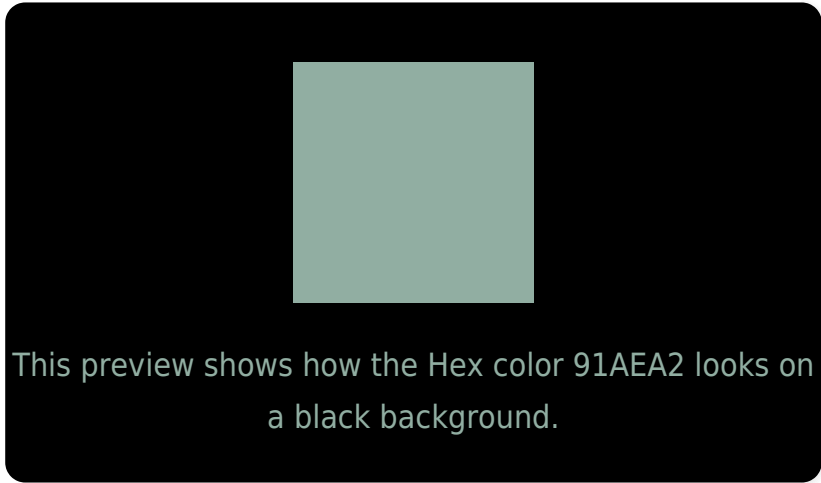
Large Text (above 18pt) WCAG AA × Fail

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

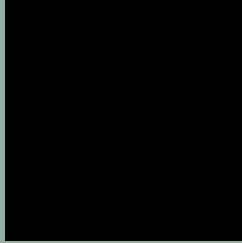
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

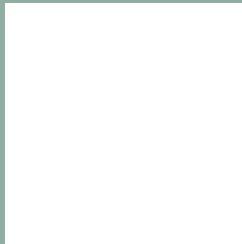
Any Text WCAG AAA ✓ Pass

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

Hex 91AEA2 Background



This preview shows how black text looks on a background with the Hex color 91AEA2.

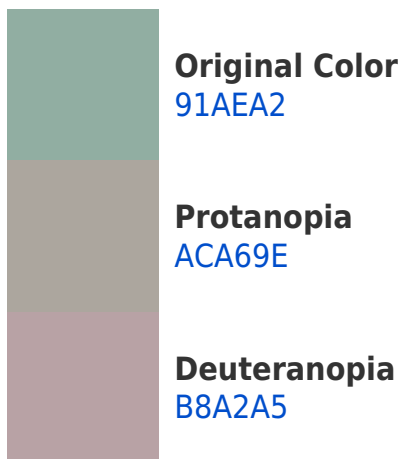


This preview shows how white text looks on a background with the Hex color 91AEA2.

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](#).

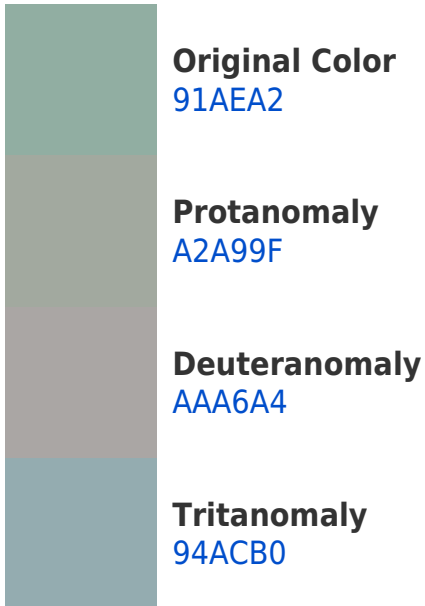
Dichromacy



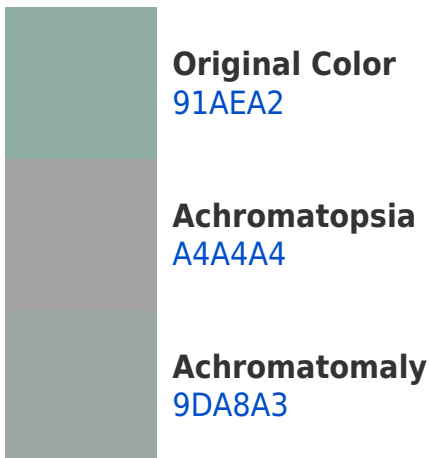


Tritanopia
95ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91AEA2 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 #91AEA2 looks like.

```
.text, #text, p{  
    color:#91AEA2  
}
```

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 #91AEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AEA2
}
```

Border

The CSS property to change the border of an element to Hex 91AEA2 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
#91AEA2 }
```

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

```
.border{ border-color:#91AEA2 }
```

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

Here you see how a box with a 4 pixel #91AEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AEA2; -webkit-box-shadow:4px 4px  
4px 4px #91AEA2; box-shadow:4px 4px 4px  
4px #91AEA2 }
```

Background

The CSS property to change the background color of an element to Hex 91AEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AEA2 }
```

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

```
.background{ background-color:#91AEA2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor