

Converting Colors

Hex(91B2A9)

Have a look what the booklet for
Hex(91B2A9) contains.

Hex(91B2A9)	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(91B2A9)

Conversions

Conversions Part 1

Format	Color
Hex	91B2A9
RGB	145, 178, 169
RGB Percent	57%, 70%, 66%
CMY	0.4314, 0.3020, 0.3373
CMYK	0.19, 0.00, 0.05, 0.30
HSL	164°, 18%, 63%
HSV	164°, 19%, 70%
XYZ	34.7589, 40.7251, 43.5649
YIQ	167.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

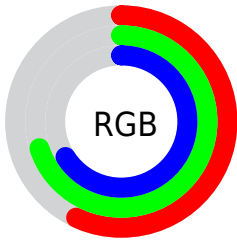
Format	Color
RYB	145, 164, 178
Decimal	9548457
CIELab	69.98, -13.06, 0.87
CIELCh	70, 13.088, 176.180
Yxy	40.7251, 0.2920, 0.3421
Android (android.graphics.Color)	4287738537 (0xFF91B2A9)
YUV	167.1070, 0.9332, -19.3878
Hunter-Lab	63.8162, -14.4545, 4.1964

Details

The Hex color **91B2A9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B2919A**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C7EAE0**, and **5E7D75** is the 20% darker color. If you saturate the color by 10%, you get **7FB2A4**, and if you desaturate by 10%, it is **A3B2AE**.

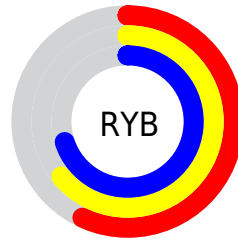
Distribution



Red (57%)

Green (70%)

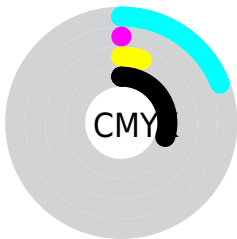
Blue (66%)



Red (57%)

Yellow (64%)

Blue (70%)

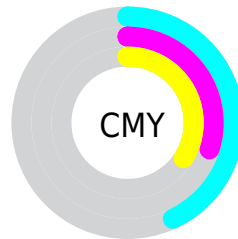


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (30%)



Cyan (43%)


Magenta (30%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B2A9 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 91B2A9 by changing the saturation by 10% instead.

 91B2A9

 91B2A9

FFFFFF

 77978F

 C7EAE0

 5E7D75

 E3FFFD


 46645C

 2F4C45

 18352F

 02201A

 000000

 91B2A9

 91B2A9

 7FB2A4

 A3B2AE

 6DB29F

 B5B2B3

 5CB29A

 C6B2B8

 4AB296

 D8B2BC

 38B291

 EAB2C1

 26B28C

 FCB2C6

 14B287

 FFB2CB

 03B282

 FFB2D0

 00B281

 FFB2D5

Harmonies

Analogous

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



9CB09E



91B2A9



8DB2B5

Triad

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



91B2A9



ACA9C0



C0A698

Complementary

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



91B2A9



B2919A

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.



C4A3A1



91B2A9



B9A5B8

Square

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



91B2A9



9CADC2



C2A3AD



B6AA94

Rectangle

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



91B2A9



8EB1BC



C2A3AD



C2A59A

Sweetspot

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



91B2A9



DAE8E4



9AB291



6D7573



F5F5F5



757575

Same Dimension

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



91B2A9



B5E8DA



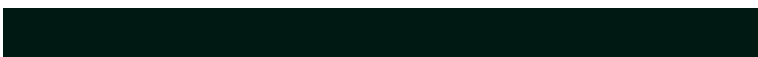
91ABB2



505957



00996F



001A13

Inverse Universe

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



B2919A



E8B5C3



B29891



595053



99002A



1A0007

Previews

White Background



This preview shows how the Hex color 91B2A9 looks on a white background.

Color Contrast Check

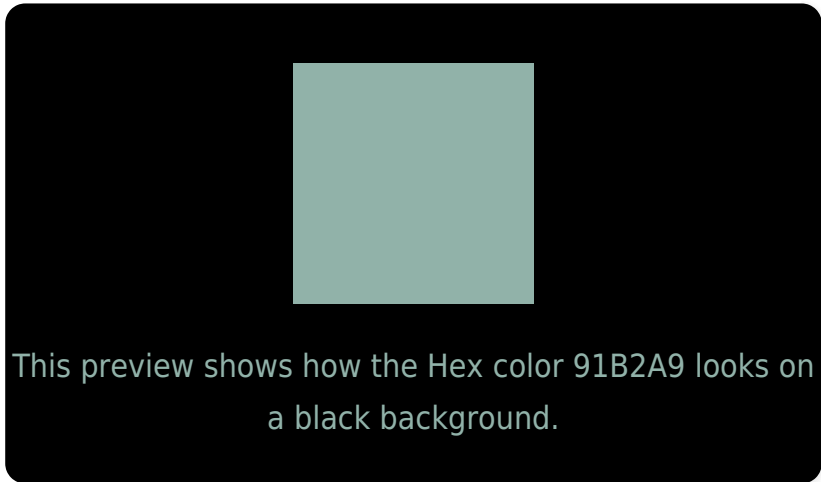
Large Text (above 18pt) WCAG AA × Fail

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

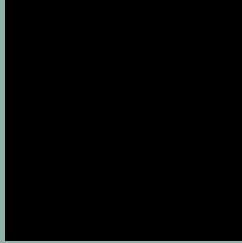
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

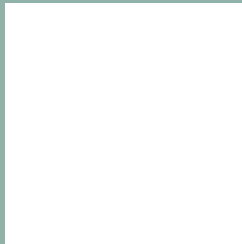
Any Text WCAG AAA ✓ Pass

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

Hex 91B2A9 Background



This preview shows how black text looks on a background with the Hex color 91B2A9.

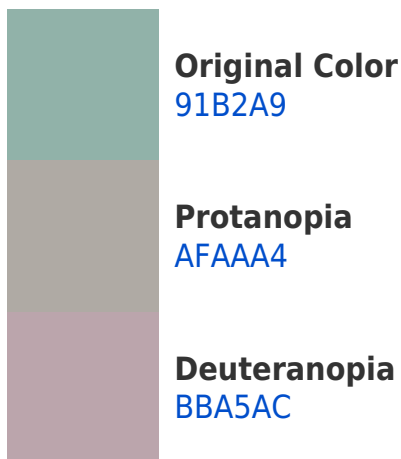


This preview shows how white text looks on a background with the Hex color 91B2A9.

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](#).

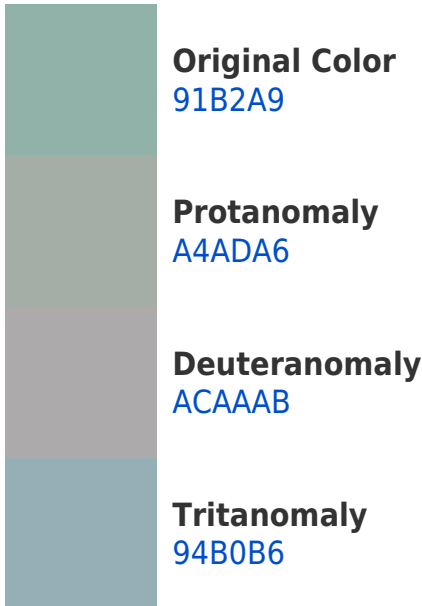
Dichromacy



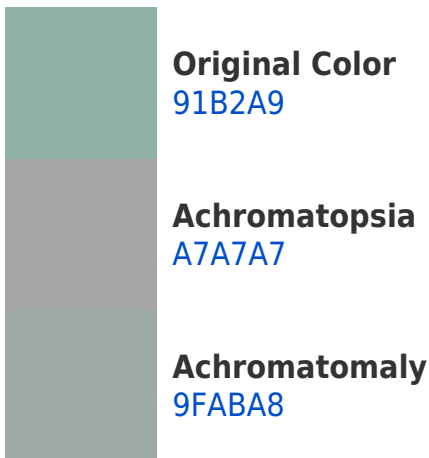


Tritanopia
95AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B2A9 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 #91B2A9 looks like.

```
.text, #text, p{  
    color:#91B2A9  
}
```

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 #91B2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B2A9
}
```

Border

The CSS property to change the border of an element to Hex 91B2A9 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
#91B2A9 }
```

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

```
.border{ border-color:#91B2A9 }
```

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

Here you see how a box with a 4 pixel #91B2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B2A9; -webkit-box-shadow:4px 4px  
4px 4px #91B2A9; box-shadow:4px 4px 4px  
4px #91B2A9 }
```

Background

The CSS property to change the background color of an element to Hex 91B2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B2A9 }
```

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

```
.background{ background-color:#91B2A9 }
```

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