

Converting Colors

Hex(99A791)

Have a look what the booklet for
Hex(99A791) contains.

Hex(99A791)	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(99A791)

Conversions

Conversions Part 1

Format	Color
Hex	99A791
RGB	153, 167, 145
RGB Percent	60%, 65%, 57%
CMY	0.4000, 0.3451, 0.4314
CMYK	0.08, 0.00, 0.13, 0.35
HSL	98°, 11%, 61%
HSV	98°, 13%, 65%
XYZ	32.0664, 36.4541, 32.1343
YIQ	160.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

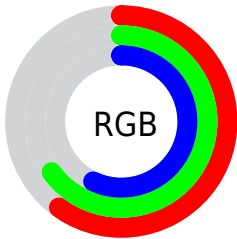
Format	Color
RYB	145, 167, 159
Decimal	10069905
CIELab	66.87, -9.10, 9.71
CIELCh	67, 13.312, 133.140
Yxy	36.4541, 0.3186, 0.3622
Android (android.graphics.Color)	4288259985 (0xFF99A791)
YUV	160.3060, -7.5459, -6.4074
Hunter-Lab	60.3772, -10.8585, 10.7084

Details

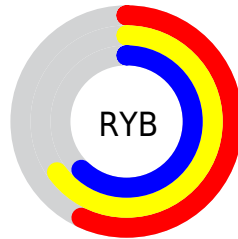
The Hex color **99A791** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9F91A7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CFDEC7**, and **66735F** is the 20% darker color. If you saturate the color by 10%, you get **8EA780**, and if you desaturate by 10%, it is **A4A7A2**.

Distribution



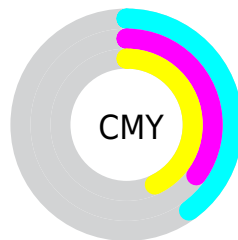
- Red (60%)
- Green (65%)
- Blue (57%)



- Red (57%)
- Yellow (65%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (40%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A791 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 99A791 by changing the saturation by 10% instead.



99A791



99A791

FFFFFF



7F8D77



CFDEC7



66735F



ECFBE3



4E5B47



374330



212D1B



0C1901



000000



99A791



99A791



8EA780



A4A7A2

 84A770

 AEA7B2

 79A75F

 B9A7C3

 6EA74E

 C4A7D4

 64A73D

 CEA7E4

 59A72D

 D9A7F5

 4FA71C

 E3A7FF

 44A70B

 EEA7FF

 3DA700

 F9A7FF

Harmonies

Analogous

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



A7A48B



99A791



8CA99B

Triad

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



99A791



8EA6B9



BC9B9E

Complementary

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



99A791



9F91A7

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.



B79BAA



99A791



9CA2BA

Square

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



99A791



85A9B3



AB9EB4



BB9C93

Rectangle

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



99A791



87AAA4



AB9EB4



BB9AA2

Sweetspot

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



99A791



D3D9D0



A79F91



6A6E68



EDEDED



6E6E6E

Same Dimension

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



99A791



C3D9B6



91A794



4F544C



369400



071400

Inverse Universe

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



9F91A7



CCB6D9



A791A4



514C54



5E0094



0D0014

Previews

White Background



This preview shows how the Hex color 99A791 looks on a white background.

Color Contrast Check

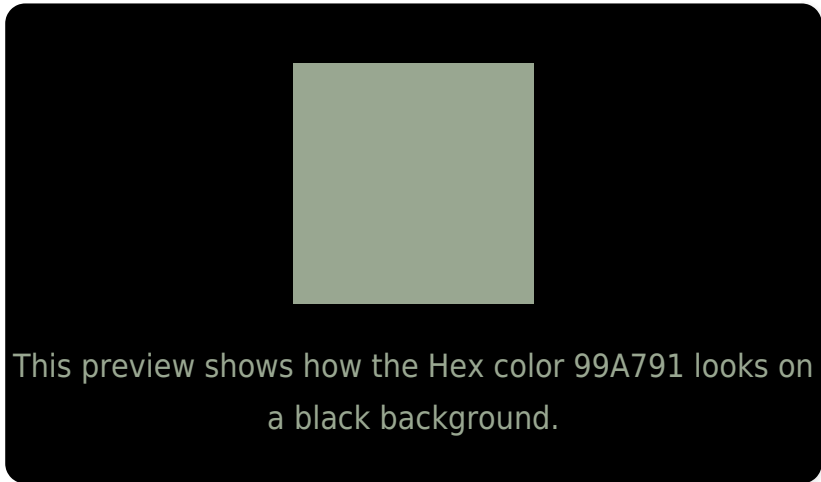
Large Text (above 18pt) WCAG AA × Fail

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

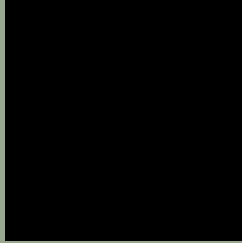
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

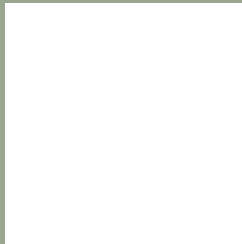
Any Text WCAG AAA ✓ Pass

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

Hex 99A791 Background



This preview shows how black text looks on a background with the Hex color 99A791.

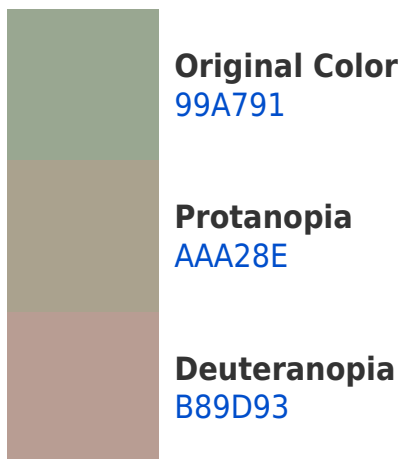


This preview shows how white text looks on a background with the Hex color 99A791.

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
9EA3B0

Trichromacy



Original Color
99A791

Protanomaly
A4A48F

Deuteranomaly
ADA192

Tritanomaly
9CA4A5

Monochromacy



Original Color
99A791

Achromatopsia
A0A0A0

Achromatomaly
9DA39B

CSS Examples

Text

The CSS property to change the color of the text to Hex 99A791 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 #99A791 looks like.

```
.text, #text, p{  
    color:#99A791  
}
```

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 #99A791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A791
}
```

Border

The CSS property to change the border of an element to Hex 99A791 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
#99A791 }
```

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

```
.border{ border-color:#99A791 }
```

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

Here you see how a box with a 4 pixel #99A791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A791; -webkit-box-shadow:4px 4px  
4px 4px #99A791; box-shadow:4px 4px 4px  
4px #99A791 }
```

Background

The CSS property to change the background color of an element to Hex 99A791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A791 }
```

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

```
.background{ background-color:#99A791 }
```

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