

# Converting Colors

Hex(98A191)

Have a look what the booklet for  
Hex(98A191) contains.

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# Color

**Hex(98A191)**

# Conversions

Conversions Part 1	
Format	Color
Hex	98A191
RGB	152, 161, 145
RGB Percent	60%, 63%, 57%
CMY	0.4039, 0.3686, 0.4314
CMYK	0.06, 0.00, 0.10, 0.37
HSL	94°, 8%, 60%
HSV	94°, 10%, 63%
XYZ	30.8046, 34.2095, 31.7676
YIQ	156.4850, -0.2280, -6.8840

# Conversions

## Conversions Part 2

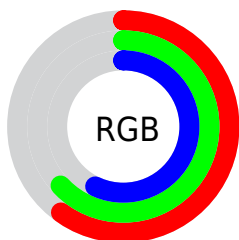
Format	Color
<a href="#">RYB</a>	<a href="#">145, 161, 154</a>
Decimal	<a href="#">10002833</a>
CIELab	<a href="#">65.13, -6.24, 7.23</a>
CIELCh	<a href="#">65, 9.550, 130.819</a>
Yxy	<a href="#">34.2095, 0.3183, 0.3535</a>
Android (android.graphics.Color)	<a href="#">4288192913</a> (0xFF98A191)
YUV	<a href="#">156.4850, -5.6621, -3.9333</a>
Hunter-Lab	<a href="#">58.4889, -8.3441, 8.7395</a>

# Details

The Hex color **98A191** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A91A1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CED8C7**, and **656E5F** is the 20% darker color. If you saturate the color by 10%, you get **8FA181**, and if you desaturate by 10%, it is **A1A1A1**.

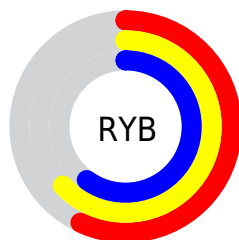
# Distribution



Red (60%)

Green (63%)

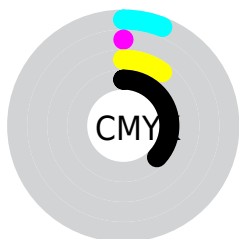
Blue (57%)



Red (57%)

Yellow (63%)

Blue (60%)

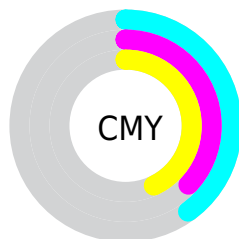


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (37%)



Cyan (40%)

Magenta (37%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98A191 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 98A191 by changing the saturation by 10% instead.



 98A191

FFFFFF

 CED8C7

 EAF4E3

 98A191

 7E8777

 656E5F

 4D5547

 363E31

 21281C

 0B1401

 000000

 98A191

 8FA181

 98A191

 A1A1A1

 86A171

 AAA1B1

 7DA161

 B3A1C1

 74A151

 BCA1D1

 6BA141

 C5A1E2

 62A130

 CEA1F2

 59A120

 D7A1FF

 50A110

 E0A1FF

 46A100

 EAA1FF

# Harmonies

## Analogous

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



A29E8D



98A191



8FA398

# Triad

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



98A191



8FA0AE



B0989B

# Complementary

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



98A191



9A91A1

# 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.



AC99A4



98A191



999EAF

# Square

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



98A191



89A2A9



A49BAB



B09993

# Rectangle

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



98A191



8BA39E



A49BAB



AF989E



# Sweetspot

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



98A191



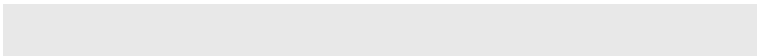
CED1CB



A19A91



666964



E8E8E8



696969



# Same Dimension

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



98A191



C3D1B8



91A192



4D5249



409100



081200



# Inverse Universe

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



9A91A1



C6B8D1



A191A0



4E4952



520091



0A0012



# Previews

## White Background



This preview shows how the Hex color 98A191 looks on a white background.

## Color Contrast Check

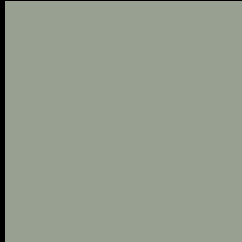
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 98A191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

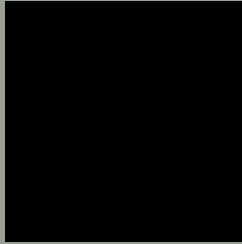
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

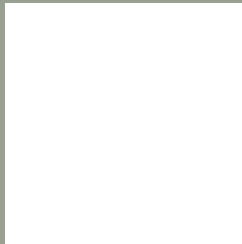
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98A191 Background



This preview shows how black text looks on a background with the Hex color 98A191.



This preview shows how white text looks on a background with the Hex color 98A191.

# 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



**Original Color**  
98A191





**Protanopia**  
A49D8F

**Deuteranopia**  
B19893


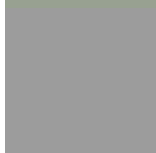
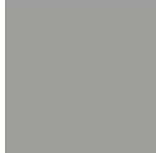


**Tritanopia**  
9C9DAA

# Trichromacy

	<b>Original Color</b> 98A191
	<b>Protanomaly</b> A09E90
	<b>Deuteranomaly</b> A89B92
	<b>Tritanomaly</b> 9B9EA1

# Monochromacy

	<b>Original Color</b> 98A191
	<b>Achromatopsia</b> 9C9C9C
	<b>Achromatomaly</b> 9B9E98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98A191 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 #98A191 looks like.

```
.text, #text, p{  
    color:#98A191  
}
```

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 #98A191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A191
}
```

## Border

The CSS property to change the border of an element to Hex 98A191 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
#98A191 }
```

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

```
.border{ border-color:#98A191 }
```

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

Here you see how a box with a 4 pixel #98A191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A191; -webkit-box-shadow:4px 4px  
4px 4px #98A191; box-shadow:4px 4px 4px  
4px #98A191 }
```

# Background

The CSS property to change the background color of an element to Hex 98A191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A191 }
```

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

```
.background{ background-color:#98A191 }
```

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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