

# Converting Colors

Hex(91A389)

Have a look what the booklet for  
Hex(91A389) contains.

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# **Color**

**Hex(91A389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A389
RGB	145, 163, 137
RGB Percent	57%, 64%, 54%
CMY	0.4314, 0.3608, 0.4627
CMYK	0.11, 0.00, 0.16, 0.36
HSL	102°, 12%, 59%
HSV	102°, 16%, 64%
XYZ	29.2896, 34.0203, 28.6898
YIQ	154.6540, -2.3820, -11.9020

# Conversions

## Conversions Part 2

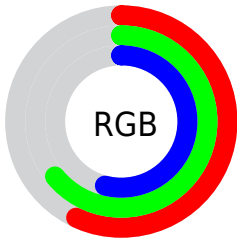
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 163, 155</a>
Decimal	<a href="#">9544585</a>
CIELab	<a href="#">64.98, -11.32, 11.40</a>
CIELCh	<a href="#">65, 16.067, 134.805</a>
Yxy	<a href="#">34.0203, 0.3184, 0.3698</a>
Android (android.graphics.Color)	<a href="#">4287734665 (0xFF91A389)</a>
YUV	<a href="#">154.6540, -8.7034, -8.4666</a>
Hunter-Lab	<a href="#">58.3269, -12.4360, 11.6653</a>

# Details

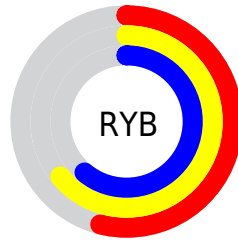
The Hex color **91A389** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9B89A3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C7DABE**, and **5E6F57** is the 20% darker color. If you saturate the color by 10%, you get **86A379**, and if you desaturate by 10%, it is **9CA399**.

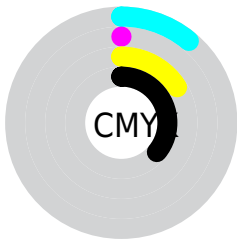
# Distribution



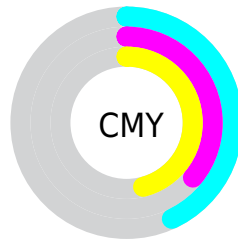
- Red (57%)
- Green (64%)
- Blue (54%)



- Red (54%)
- Yellow (64%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)



- Cyan (43%)
- Magenta (36%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A389 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 91A389 by changing the saturation by 10% instead.





91A389



91A389

FFFFFF



778970



C7DABE



5E6F57



E3F6DA



475740



FFFFFF7



30402A



1B2A15



001600



000000



91A389



91A389



86A379



9CA399

7AA368

A8A3AA

6FA358

B3A3BA

64A348

BEA3CA

59A337

C9A3DB

4DA327

D5A3EB

42A317

E0A3FB

37A307

EBA3FF

32A300

F7A3FF

# Harmonies

## Analogous

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



A19F82



91A389



82A696

# Triad

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



91A389



85A1B9



BC9497

# Complementary

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



91A389



9B89A3

# 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.



B694A6



91A389



979CB9

# Square

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



91A389



79A5B1



A998B2



B9968A

# Rectangle

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



91A389



7BA6A0



A998B2



BB949C



# Sweetspot

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



91A389



CCD4C9



A39B89



676B65



EBEBEB



6B6B6B



# Same Dimension

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



91A389



B8D4AB



89A38E



4C5249



2D9100



051200



# Inverse Universe

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



9B89A3



C7ABD4



A3899E



4F4952



650091

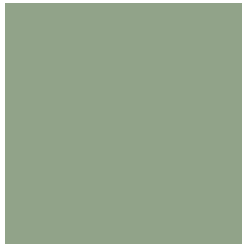


0C0012



# Previews

## White Background



This preview shows how the Hex color 91A389 looks on a white background.

## Color Contrast Check

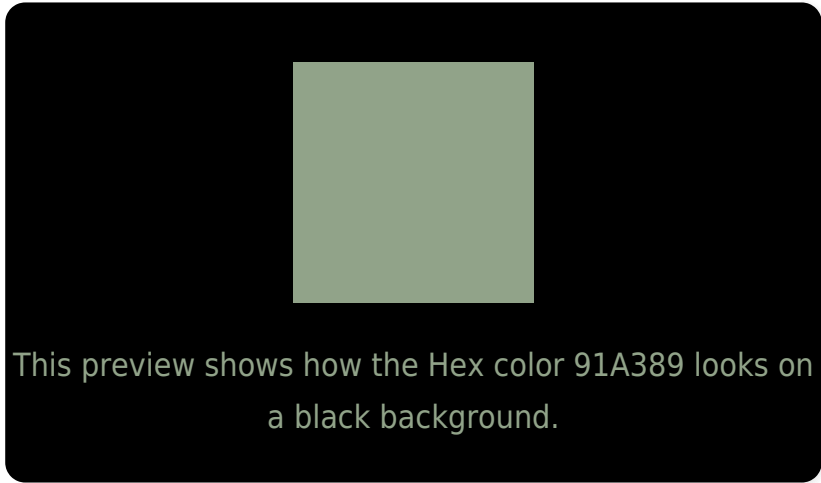
Large Text (above 18pt) WCAG AA × Fail

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

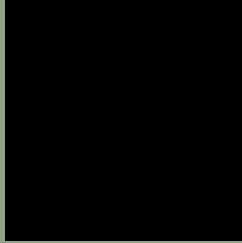
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91A389 Background



This preview shows how black text looks on a background with the Hex color 91A389.

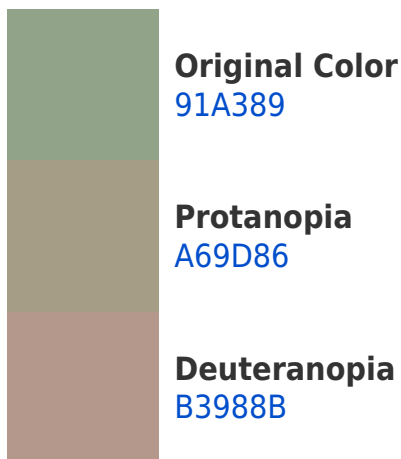


This preview shows how white text looks on a background with the Hex color 91A389.

# 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](#).

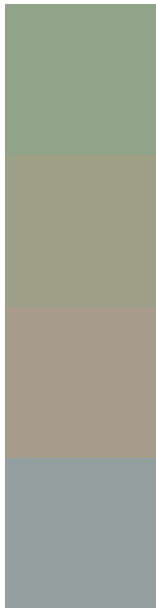
## Dichromacy





**Tritanopia**  
969EAB

# Trichromacy



**Original Color**  
91A389

**Protanomaly**  
9E9F87

**Deuteranomaly**  
A79C8A

**Tritanomaly**  
94A09F

# Monochromacy



**Original Color**  
91A389

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
979E94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A389 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 #91A389 looks like.

```
.text, #text, p{  
    color:#91A389  
}
```

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 #91A389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A389
}
```

## Border

The CSS property to change the border of an element to Hex 91A389 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
#91A389 }
```

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

```
.border{ border-color:#91A389 }
```

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

Here you see how a box with a 4 pixel #91A389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A389; -webkit-box-shadow:4px 4px  
4px 4px #91A389; box-shadow:4px 4px 4px  
4px #91A389 }
```

# Background

The CSS property to change the background color of an element to Hex 91A389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A389 }
```

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

```
.background{ background-color:#91A389 }
```

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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