

# Converting Colors

Hex(9EA587)

Have a look what the booklet for  
Hex(9EA587) contains.

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# Color

**Hex(9EA587)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EA587
RGB	158, 165, 135
RGB Percent	62%, 65%, 53%
CMY	0.3804, 0.3529, 0.4706
CMYK	0.04, 0.00, 0.18, 0.35
HSL	74°, 14%, 59%
HSV	74°, 18%, 65%
XYZ	31.9289, 35.9286, 28.1738
YIQ	159.4870, 5.4580, -10.8140

# Conversions

## Conversions Part 2

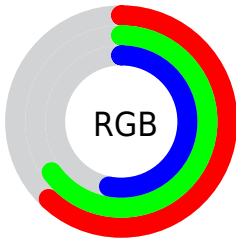
Format	Color
<a href="#">RYB</a>	<a href="#">135, 165, 142</a>
Decimal	<a href="#">10397063</a>
CIELab	<a href="#">66.47, -7.88, 14.74</a>
CIElCh	<a href="#">66, 16.709, 118.125</a>
Yxy	<a href="#">35.9286, 0.3325, 0.3741</a>
Android (android.graphics.Color)	<a href="#">4288587143 (0xFF9EA587)</a>
YUV	<a href="#">159.4870, -12.0721, -1.3041</a>
Hunter-Lab	<a href="#">59.9405, -9.8132, 14.0903</a>

# Details

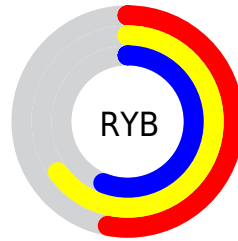
The Hex color **9EA587** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8E87A5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D5DCBC**, and **6A7155** is the 20% darker color. If you saturate the color by 10%, you get **9AA576**, and if you desaturate by 10%, it is **A2A598**.

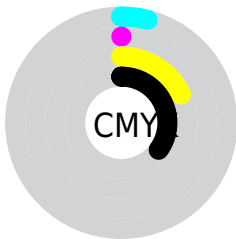
# Distribution



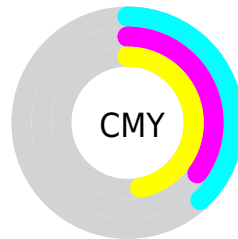
- Red (62%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA587 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 9EA587 by changing the saturation by 10% instead.





9EA587



9EA587

FFFFFF



848B6E



D5DCBC



6A7155



F1F8D8



52593E



FFFFF5



3B4128



252B13



0F1700



000000



9EA587



9EA587



9AA576



A2A598

 96A566

 A6A5A8

 92A555

 AAA5B8

 8FA545

 ADA5C9

 8BA534

 B1A5D9

 87A524

 B5A5EA

 83A513

 B9A5FA

 7FA503

 BDA5FF

 7EA500

 C1A5FF

# Harmonies

## Analogous

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



AEA084



9EA587



8DA991

# Triad

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



9EA587



80A7BB



BF97A3

# Complementary

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



9EA587



8E87A5

# 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.



B49AB2



9EA587



90A3BF

# Square

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



9EA587



7AAAAF



A39EBC



C19894

# Rectangle

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



9EA587



83AA9B



A39EBC



BC98A8



# Sweetspot

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



9EA587



D4D6CB



A58E87



6A6B65



EBEBEB



6B6B6B



# Same Dimension

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



9EA587



CBD6A7



8FA587



505249



6F9100



0E1200



# Inverse Universe

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



8E87A5



B2A7D6



9D87A5



4B4952



220091



040012



# Previews

## White Background



This preview shows how the Hex color 9EA587 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

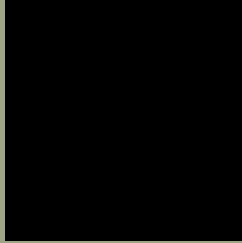
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

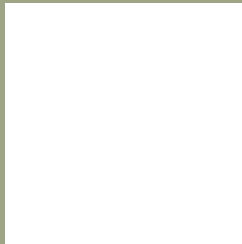
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EA587 Background



This preview shows how black text looks on a background with the Hex color 9EA587.



This preview shows how white text looks on a background with the Hex color 9EA587.

# 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**  
9EA587

**Protanopia**  
ABA185

**Deuteranopia**  
BA9B89



**Tritanopia**  
A3A0AC

# Trichromacy



**Original Color**  
9EA587

**Protanomaly**  
A6A286

**Deuteranomaly**  
B09F88

**Tritanomaly**  
A1A29F

# Monochromacy



**Original Color**  
9EA587

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
9FA196

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA587 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 #9EA587 looks like.

```
.text, #text, p{  
    color:#9EA587  
}
```

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 #9EA587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA587
}
```

## Border

The CSS property to change the border of an element to Hex 9EA587 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
#9EA587 }
```

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

```
.border{ border-color:#9EA587 }
```

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

Here you see how a box with a 4 pixel #9EA587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA587; -webkit-box-shadow:4px 4px  
4px 4px #9EA587; box-shadow:4px 4px 4px  
4px #9EA587 }
```

# Background

The CSS property to change the background color of an element to Hex 9EA587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA587 }
```

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

```
.background{ background-color:#9EA587 }
```

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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