

Converting Colors

Hex(9AE291)

Have a look what the booklet for
Hex(9AE291) contains.

Hex(9AE291)	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(9AE291)

Conversions

Conversions Part 1

Format	Color
Hex	9AE291
RGB	154, 226, 145
RGB Percent	60%, 89%, 57%
CMY	0.3961, 0.1137, 0.4314
CMYK	0.32, 0.00, 0.36, 0.11
HSL	113°, 58%, 73%
HSV	113°, 36%, 89%
XYZ	45.6336, 63.3071, 36.6024
YIQ	195.2380, -16.9110, -40.4550

Conversions

Conversions Part 2

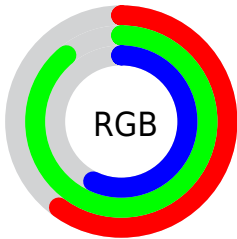
Format	Color
RYB	145, 226, 217
Decimal	10150545
CIELab	83.60, -37.81, 32.67
CIElCh	84, 49.966, 139.172
Yxy	63.3071, 0.3135, 0.4350
Android (android.graphics.Color)	4288340625 (0xFF9AE291)
YUV	195.2380, -24.7673, -36.1657
Hunter-Lab	79.5657, -36.8643, 28.4210

Details

The Hex color **9AE291** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D991E2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D2FFC8**, and **64AA5D** is the 20% darker color. If you saturate the color by 10%, you get **86E27A**, and if you desaturate by 10%, it is **AEE2A8**.

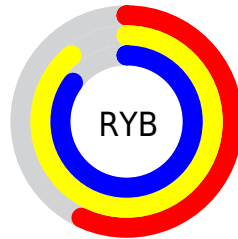
Distribution



Red (60%)

Green (89%)

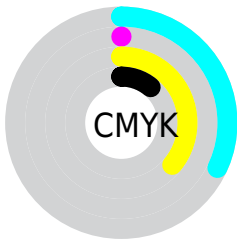
Blue (57%)



Red (57%)

Yellow (89%)

Blue (85%)

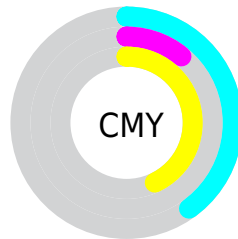


Cyan (32%)

Magenta (0%)

Yellow (36%)

Black (11%)



Cyan (40%)

Magenta (11%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE291 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 9AE291 by changing the saturation by 10% instead.

 9AE291

 9AE291

FFFFFF

 7FC677

 D2FFC8

 64AA5D

 EFFF E4

 498F45

 2E752D

 0D5C15

 004400

 002D00

 001500

 000000

 9AE291

 9AE291

 86E27A

 AEE2A8

 72E264

 C2E2BE

 5EE24D

 D6E2D5

 4AE237

 EAE2EB

 36E220

 FEE2FF

 21E209

 FFE2FF

 19E200

Harmonies

Analogous

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



D0D775



9AE291



55E8BD

Triad

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



9AE291



62DAFF



FFACB4

Complementary

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



9AE291



D991E2

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.



FFACE3



9AE291



BBCBFF

Square

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



9AE291



00E5FF



FAB9FF



FFB78B

Rectangle

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



9AE291



00E9DE



FAB9FF



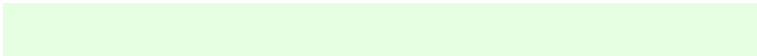
FFAAC4

Sweetspot

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



9AE291



E6FFE3



E2D991



71806F



000000



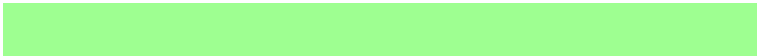
808080

Same Dimension

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



9AE291



9EFF91



91E2B0



667065



14B000



053000

Inverse Universe

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



D991E2



F391FF



E291C3



6F6570



9C00B0



2B0030

Previews

White Background



This preview shows how the Hex color 9AE291 looks on a white background.

Color Contrast Check

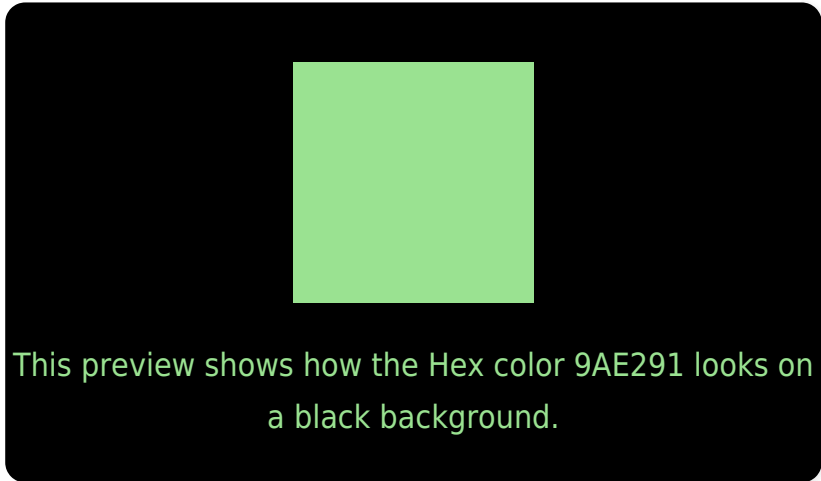
Large Text (above 18pt) WCAG AA × Fail

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

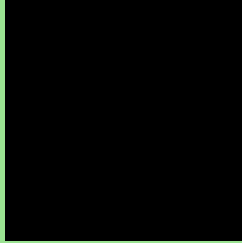
Any Text WCAG AA ✓ Pass

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 9AE291 Background



This preview shows how black text looks on a background with the Hex color 9AE291.

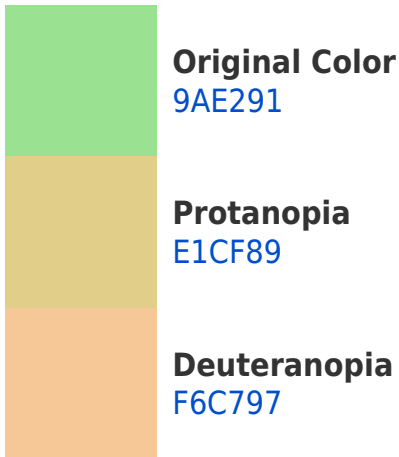


This preview shows how white text looks on a background with the Hex color 9AE291.

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
AAD7E9

Trichromacy



Original Color
9AE291



Protanomaly
C7D68C



Deuteranomaly
D5D195



Tritanomaly
A4DBC9

Monochromacy



Original Color
9AE291



Achromatopsia
C3C3C3



Achromatomaly
B4CEB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE291 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 #9AE291 looks like.

```
.text, #text, p{  
    color:#9AE291  
}
```

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 #9AE291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE291
}
```

Border

The CSS property to change the border of an element to Hex 9AE291 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
#9AE291 }
```

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

```
.border{ border-color:#9AE291 }
```

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

Here you see how a box with a 4 pixel #9AE291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE291; -webkit-box-shadow:4px 4px  
4px 4px #9AE291; box-shadow:4px 4px 4px  
4px #9AE291 }
```

Background

The CSS property to change the background color of an element to Hex 9AE291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE291 }
```

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

```
.background{ background-color:#9AE291 }
```

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