

# Converting Colors

Hex(8DAE91)

Have a look what the booklet for  
Hex(8DAE91) contains.

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# **Color**

**Hex(8DAE91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DAE91
RGB	141, 174, 145
RGB Percent	55%, 68%, 57%
CMY	0.4471, 0.3176, 0.4314
CMYK	0.19, 0.00, 0.17, 0.32
HSL	127°, 17%, 62%
HSV	127°, 19%, 68%
XYZ	31.2314, 37.9792, 32.4727
YIQ	160.8270, -10.3590, -16.0150

# Conversions

## Conversions Part 2

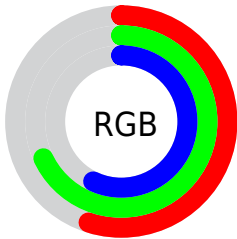
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 170, 174</a>
Decimal	<a href="#">9285265</a>
CIELab	<a href="#">68.01, -17.06, 11.21</a>
CIELCh	<a href="#">68, 20.418, 146.690</a>
Yxy	<a href="#">37.9792, 0.3071, 0.3735</a>
Android (android.graphics.Color)	<a href="#">4287475345 (0xFF8DAE91)</a>
YUV	<a href="#">160.8270, -7.8027, -17.3883</a>
Hunter-Lab	<a href="#">61.6272, -17.3876, 11.8979</a>

# Details

The Hex color **8DAE91** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AE8DAA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C3E6C7**, and **5A795F** is the 20% darker color. If you saturate the color by 10%, you get **7CAE82**, and if you desaturate by 10%, it is **9EAEA0**.

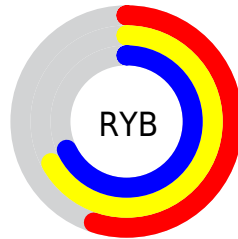
# Distribution



Red (55%)

Green (68%)

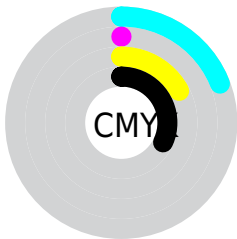
Blue (57%)



Red (55%)

Yellow (67%)

Blue (68%)

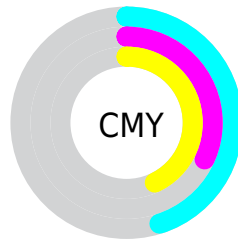


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DAE91 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 8DAE91 by changing the saturation by 10% instead.



 8DAE91

FFFFFF

 C3E6C7

 DFFFE3

 FCFFFF

 8DAE91

 7CAE82


 8DAE91

 739377

 5A795F

 426147

 2B4930

 15321B

 001D01

 000000

 8DAE91

 9EAEA0

 6AAE72

 B0AEB0

 59AE63

 C1AEBF

 47AE54

 D3AECE

 36AE45

 E4AEDD

 25AE35

 F5AEED

 13AE26

 FFAEFC

 02AE17

 FFAEFF

 00AE15

# Harmonies

## Analogous

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



A2AA85



8DAE91



7BB0A3

# Triad

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



8DAE91



8EA8CA



CC9A96

# Complementary

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



8DAE91



AE8DAA

# 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.



C999A8



8DAE91



A6A2C7

# Square

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



8DAE91



79ADC4



BC9CBA



C59E88

# Rectangle

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



8DAE91



74B0B0



BC9CBA



CC999C



# Sweetspot

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



8DAE91



D5E3D7



AAAE8D



6B736C



F2F2F2



737373



# Same Dimension

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



8DAE91



AFE3B5



8DAEA1



4E574F



009612



001703



# Inverse Universe

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



AE8DAA



E3AFDD



AE8D9A



574E56



960084

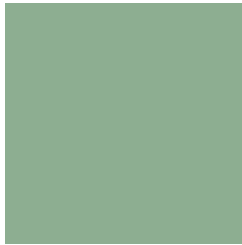


170014



# Previews

## White Background



This preview shows how the Hex color 8DAE91 looks on a white background.

## Color Contrast Check

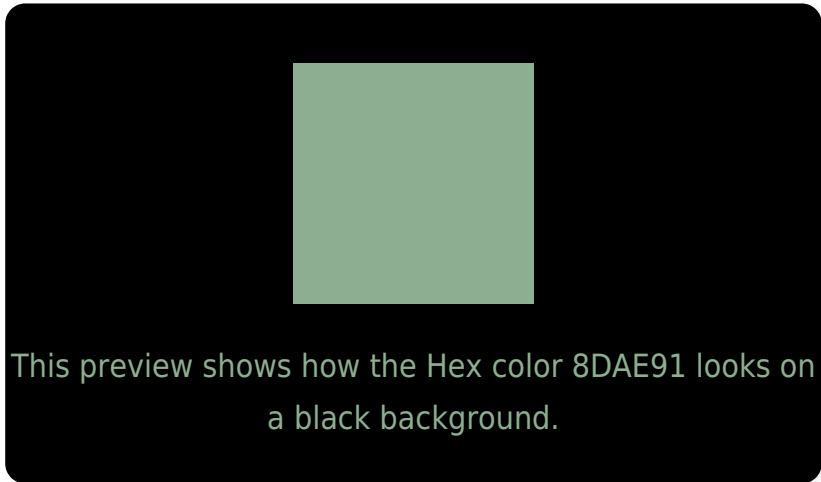
Large Text (above 18pt) WCAG AA × Fail

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

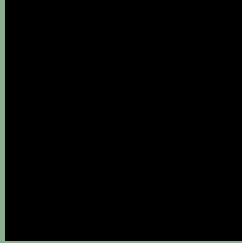
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DAE91 Background



This preview shows how black text looks on a background with the Hex color 8DAE91.



This preview shows how white text looks on a background with the Hex color 8DAE91.

# 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](#).

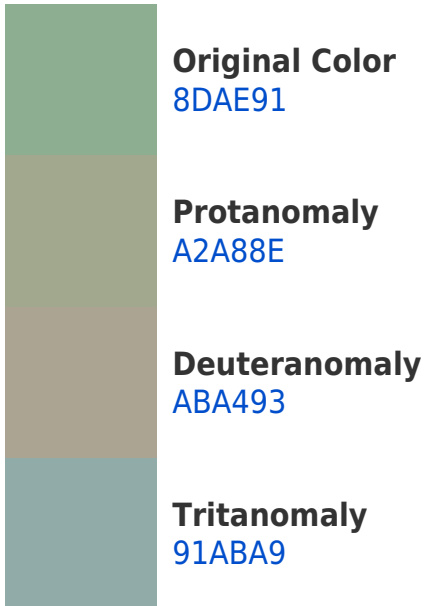
## Dichromacy



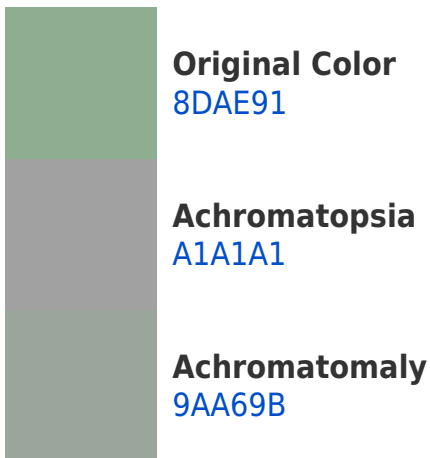


**Tritanopia**  
93A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DAE91 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 #8DAE91 looks like.

```
.text, #text, p{  
    color:#8DAE91  
}
```

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 #8DAE91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DAE91  
}
```

## Border

The CSS property to change the border of an element to Hex 8DAE91 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  
#8DAE91 }
```

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

```
.border{ border-color:#8DAE91 }
```

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

Here you see how a box with a 4 pixel #8DAE91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DAE91; -webkit-box-shadow:4px 4px  
4px 4px #8DAE91; box-shadow:4px 4px 4px  
4px #8DAE91 }
```

# Background

The CSS property to change the background color of an element to Hex 8DAE91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DAE91 }
```

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

```
.background{ background-color:#8DAE91 }
```

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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