

Converting Colors

Hex(8DE99A)

Have a look what the booklet for
Hex(8DE99A) contains.

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Color

Hex(8DE99A)

Conversions

Conversions Part 1

Format	Color
Hex	8DE99A
RGB	141, 233, 154
RGB Percent	55%, 91%, 60%
CMY	0.4471, 0.0863, 0.3961
CMYK	0.39, 0.00, 0.34, 0.09
HSL	128°, 68%, 73%
HSV	128°, 39%, 91%
XYZ	45.9562, 66.2736, 40.9418
YIQ	196.4860, -29.4730, -44.0730

Conversions

Conversions Part 2

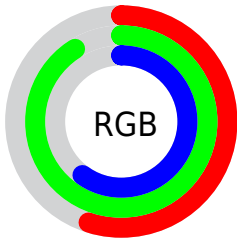
Format	Color
RYB	141, 222, 233
Decimal	9300378
CIELab	85.14, -43.49, 30.02
CIELCh	85, 52.844, 145.387
Yxy	66.2736, 0.3000, 0.4327
Android (android.graphics.Color)	4287490458 (0xFF8DE99A)
YUV	196.4860, -20.9456, -48.6612
Hunter-Lab	81.4086, -41.6997, 27.1681

Details

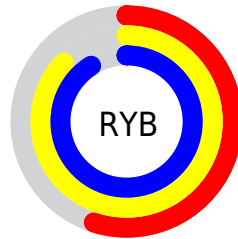
The Hex color **8DE99A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E98DDC**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C6FFD1**, and **55B166** is the 20% darker color. If you saturate the color by 10%, you get **76E986**, and if you desaturate by 10%, it is **A4E9AE**.

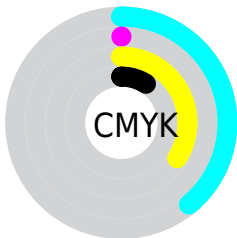
Distribution



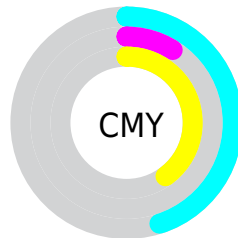
- Red (55%)
- Green (91%)
- Blue (60%)



- Red (55%)
- Yellow (87%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (34%)
- Black (9%)



- Cyan (45%)
- Magenta (9%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DE99A 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 8DE99A by changing the saturation by 10% instead.

 8DE99A

 8DE99A

FFFFFF

 71CD80

 C6FFD1

 55B166

 E3FFED

 39964D

 177B36

 00621E

 004906

 003100

 001B00

 000000

 8DE99A

 8DE99A

 76E986

 A4E9AE

 5EE972

 BCE9C2

 47E95E

 D3E9D6

 30E94A

 EAE9EA

 19E936

 FFE9FE

 01E922

 FFE9FF

 00E921

Harmonies

Analogous

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



C9DF78



8DE99A



34EECB

Triad

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



8DE99A



72DCFF



FFAFAC

Complementary

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



8DE99A



E98DDC

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.



FFADDE



8DE99A



CECBFF

Square

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



8DE99A



00E8FF



FFB8FF



FFBD84

Rectangle

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



8DE99A



00EFED



FFB8FF



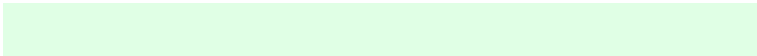
FFADBD

Sweetspot

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



8DE99A



E0FFE5



DDE98D



6E8070



000000



808080

Same Dimension

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



8DE99A



87FF98



8DE9C7



6A756B



00B51A



003608

Inverse Universe

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



E98DDC



FF87EE



E98DAF



756A74



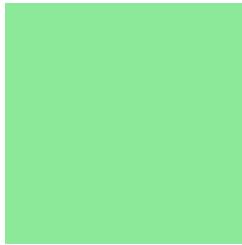
B5009B



36002E

Previews

White Background



This preview shows how the Hex color 8DE99A 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 8DE99A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

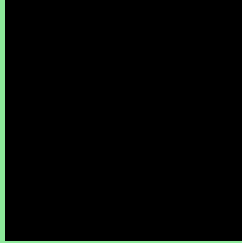
Any Text WCAG AA ✓ Pass

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 8DE99A Background



This preview shows how black text looks on a background with the Hex color 8DE99A.

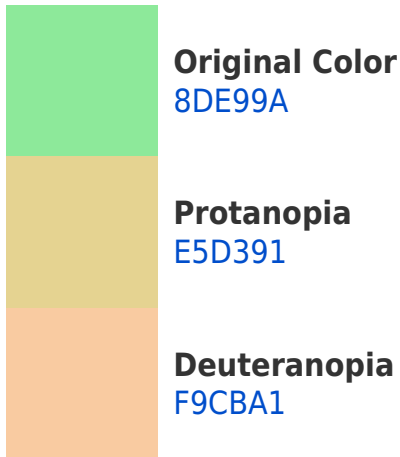


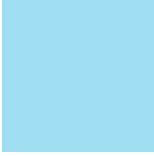
This preview shows how white text looks on a background with the Hex color 8DE99A.

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



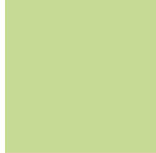


Tritanopia
9FDEF0

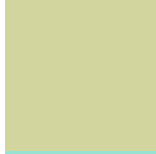
Trichromacy



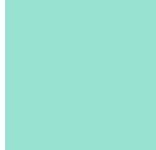
Original Color
8DE99A



Protanomaly
C5DB94



Deuteranomaly
D2D69E

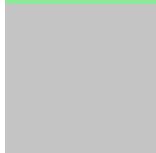


Tritanomaly
98E2D1

Monochromacy



Original Color
8DE99A



Achromatopsia
C4C4C4



Achromatomaly
B0D1B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DE99A 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 #8DE99A looks like.

```
.text, #text, p{  
    color:#8DE99A  
}
```

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 #8DE99A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE99A
}
```

Border

The CSS property to change the border of an element to Hex 8DE99A 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
#8DE99A }
```

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

```
.border{ border-color:#8DE99A }
```

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

Here you see how a box with a 4 pixel #8DE99A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE99A; -webkit-box-shadow:4px 4px  
4px 4px #8DE99A; box-shadow:4px 4px 4px  
4px #8DE99A }
```

Background

The CSS property to change the background color of an element to Hex 8DE99A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE99A }
```

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

```
.background{ background-color:#8DE99A }
```

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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