

Converting Colors

Hex(9DE59C)

Have a look what the booklet for
Hex(9DE59C) contains.

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Color

Hex(9DE59C)

Conversions

Conversions Part 1

Format	Color
Hex	9DE59C
RGB	157, 229, 156
RGB Percent	62%, 90%, 61%
CMY	0.3843, 0.1020, 0.3882
CMYK	0.31, 0.00, 0.32, 0.10
HSL	119°, 58%, 75%
HSV	119°, 32%, 90%
XYZ	47.9247, 65.6070, 41.5900
YIQ	199.1500, -19.4790, -37.9670

Conversions

Conversions Part 2

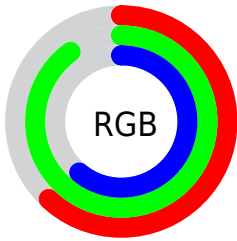
Format	Color
RYB	156, 229, 228
Decimal	10347932
CIELab	84.80, -36.50, 28.67
CIELCh	85, 46.415, 141.849
Yxy	65.6070, 0.3089, 0.4229
Android (android.graphics.Color)	4288538012 (0xFF9DE59C)
YUV	199.1500, -21.2729, -36.9655
Hunter-Lab	80.9982, -36.1326, 26.2552

Details

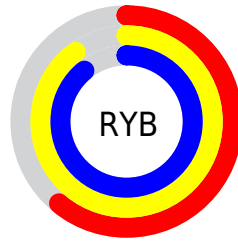
The Hex color **9DE59C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E49CE5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFD3**, and **67AD68** is the 20% darker color. If you saturate the color by 10%, you get **86E585**, and if you desaturate by 10%, it is **B4E5B3**.

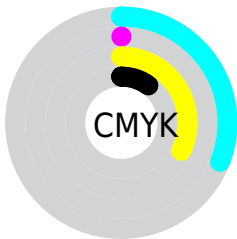
Distribution



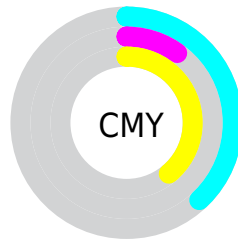
- Red (62%)
- Green (90%)
- Blue (61%)



- Red (61%)
- Yellow (90%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)



- Cyan (38%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE59C 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 9DE59C by changing the saturation by 10% instead.

 9DE59C

 9DE59C

FFFFFF

 82C982

 D5FFD3

 67AD68

 F2FFEF

 4C924F

 327838

 135F21

 004609

 002F00

 001900

 000000

 9DE59C

 9DE59C

 86E585

 B4E5B3

 70E56E

 CAE5CA

 59E557

 E1E5E1

 43E540

 F7E5F8

 2CE52A

 FFE5FF

 15E513

 03E500

Harmonies

Analogous

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



D0DB81



9DE59C



61EAC6

Triad

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



9DE59C



7CDCFF



FFB3B5

Complementary

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



9DE59C



E49CE5

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.



FFB2E2



9DE59C



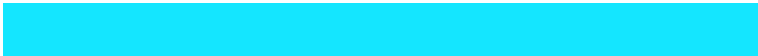
C7CDFE

Square

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



9DE59C



14E6FF



FFBDFD



FFBE90

Rectangle

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



9DE59C



2BEBE4



FFBDFD



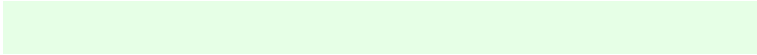
FFB1C4

Sweetspot

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



9DE59C



E6FFE6



E5E49C



708070



000000



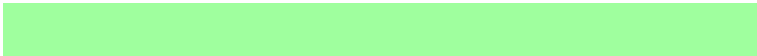
808080

Same Dimension

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



9DE59C



9FFF9E



9CE5BF



677367



02B300



013300

Inverse Universe

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



E49CE5



FE9EFF



E59CC2



736773



B000B3



320033

Previews

White Background



This preview shows how the Hex color 9DE59C looks on a white background.

Color Contrast Check

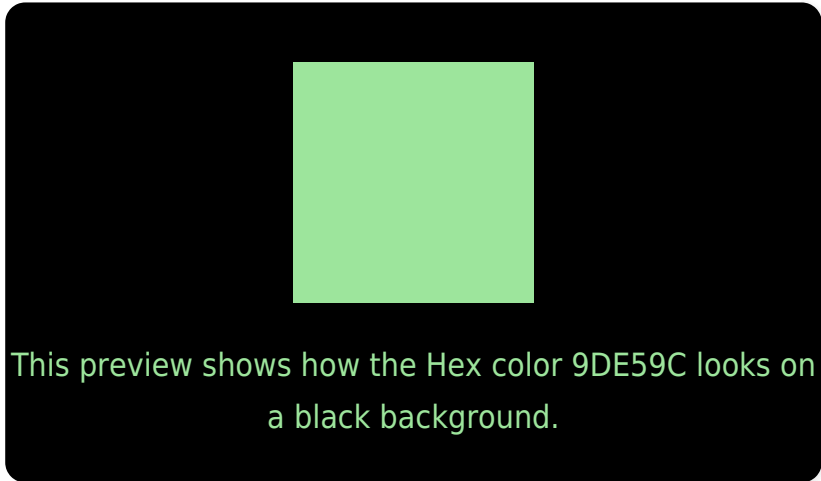
Large Text (above 18pt) WCAG AA × Fail

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

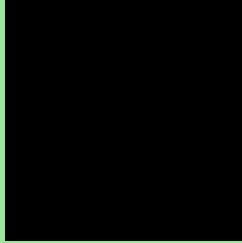
Any Text WCAG AA ✓ Pass

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 9DE59C Background



This preview shows how black text looks on a background with the Hex color 9DE59C.

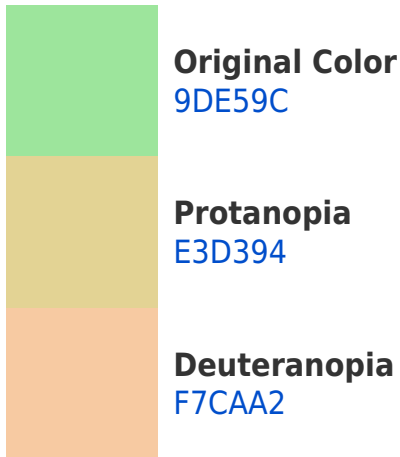


This preview shows how white text looks on a background with the Hex color 9DE59C.

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](#).

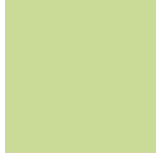
Dichromacy



Trichromacy



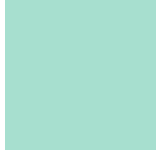
Original Color
9DE59C



Protanomaly
CADA97



Deuteranomaly
D6D4A0

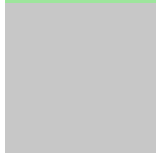


Tritanomaly
A7DFCF

Monochromacy



Original Color
9DE59C



Achromatopsia
C7C7C7



Achromatomaly
B8D2B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE59C 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 #9DE59C looks like.

```
.text, #text, p{  
    color:#9DE59C  
}
```

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 #9DE59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE59C
}
```

Border

The CSS property to change the border of an element to Hex 9DE59C 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
#9DE59C }
```

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

```
.border{ border-color:#9DE59C }
```

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

Here you see how a box with a 4 pixel #9DE59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE59C; -webkit-box-shadow:4px 4px  
4px 4px #9DE59C; box-shadow:4px 4px 4px  
4px #9DE59C }
```

Background

The CSS property to change the background color of an element to Hex 9DE59C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE59C }
```

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

```
.background{ background-color:#9DE59C }
```

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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