

Converting Colors

Hex(9CE095)

Have a look what the booklet for
Hex(9CE095) contains.

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Color

Hex(9CE095)

Conversions

Conversions Part 1

Format	Color
Hex	9CE095
RGB	156, 224, 149
RGB Percent	61%, 88%, 58%
CMY	0.3882, 0.1216, 0.4157
CMYK	0.30, 0.00, 0.33, 0.12
HSL	114°, 55%, 73%
HSV	114°, 33%, 88%
XYZ	45.7908, 62.5492, 38.0935
YIQ	195.1180, -16.4530, -37.7410

Conversions

Conversions Part 2

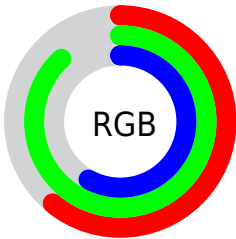
Format	Color
RYB	149, 224, 217
Decimal	10281109
CIELab	83.20, -35.64, 30.12
CIElCh	83, 46.659, 139.801
Yxy	62.5492, 0.3127, 0.4272
Android (android.graphics.Color)	4288471189 (0xFF9CE095)
YUV	195.1180, -22.7362, -34.3065
Hunter-Lab	79.0880, -35.0552, 26.8040

Details

The Hex color **9CE095** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D995E0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D4FFCC**, and **66A861** is the 20% darker color. If you saturate the color by 10%, you get **88E07F**, and if you desaturate by 10%, it is **B0E0AB**.

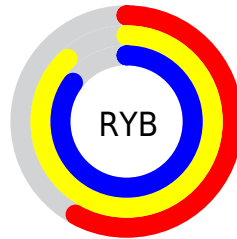
Distribution



Red (61%)

Green (88%)

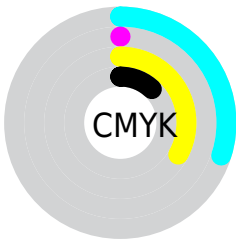
Blue (58%)



Red (58%)

Yellow (88%)

Blue (85%)

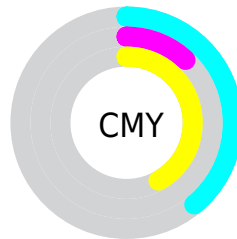


Cyan (30%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (39%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CE095 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 9CE095 by changing the saturation by 10% instead.

 9CE095

 9CE095

FFFFFF


 81C47B

 D4FFCC

 66A861

 F1FFE8

 4C8E49

 317431

 145B1A

 004201

 002C00

 001300

 000000

 9CE095

 9CE095

 88E07F

 B0E0AB

 73E068

 C5E0C2

 5FE052

 D9E0D8

 4BE03B

 EDE0EF

 36E025

 FFE0FF

 22E00F

 15E000

Harmonies

Analogous

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



CED67B



9CE095



60E6BE

Triad

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



9CE095



70D8FF



FFAEB4

Complementary

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



9CE095



D995E0

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.



FFAEE0



9CE095



BEC9FF

Square

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



9CE095



00E2FF



F8B9FF



FFB88E

Rectangle

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



9CE095



25E7DD



F8B9FF



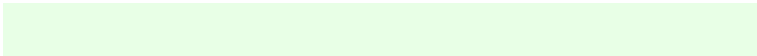
FFADC2

Sweetspot

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



9CE095



E8FFE6



E0D995



728070



000000



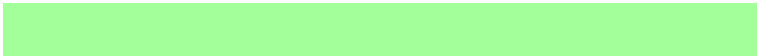
808080

Same Dimension

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



9CE095



A3FF99



95E0B3



667065



10B000



053000

Inverse Universe

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



D995E0



F599FF



E095C2



6F6570



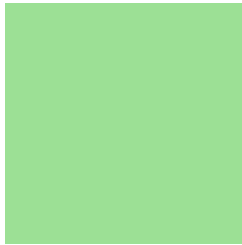
A000B0



2C0030

Previews

White Background



This preview shows how the Hex color 9CE095 looks on a white background.

Color Contrast Check

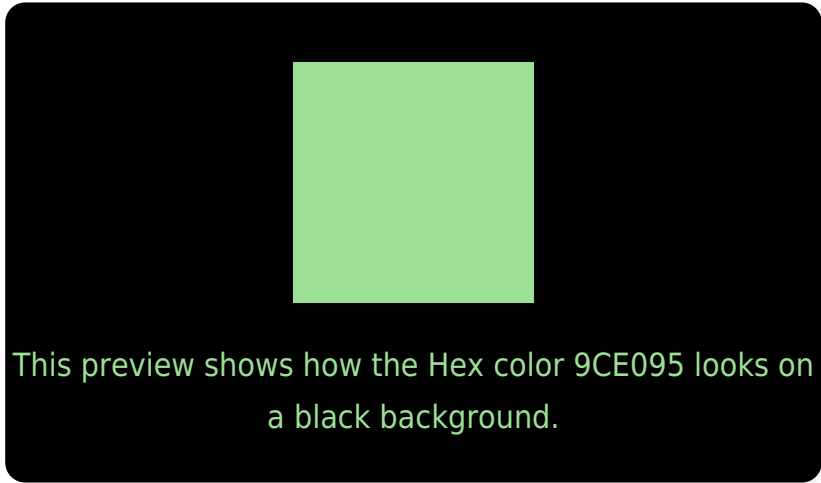
Large Text (above 18pt) WCAG AA × Fail

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 9CE095 Background



This preview shows how black text looks on a background with the Hex color 9CE095.

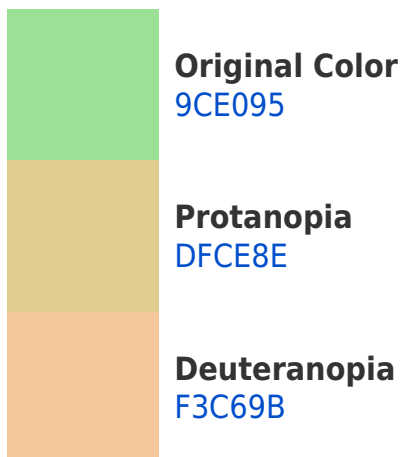


This preview shows how white text looks on a background with the Hex color 9CE095.

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
ABD6E7

Trichromacy



Original Color
9CE095



Protanomaly
C7D591



Deuteranomaly
D3CF99



Tritanomaly
A6DAC9

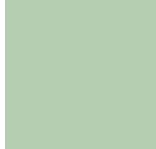
Monochromacy



Original Color
9CE095



Achromatopsia
C3C3C3



Achromatomaly
B5CEB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CE095 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 #9CE095 looks like.

```
.text, #text, p{  
    color:#9CE095  
}
```

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 #9CE095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE095
}
```

Border

The CSS property to change the border of an element to Hex 9CE095 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
#9CE095 }
```

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

```
.border{ border-color:#9CE095 }
```

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

Here you see how a box with a 4 pixel #9CE095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE095; -webkit-box-shadow:4px 4px  
4px 4px #9CE095; box-shadow:4px 4px 4px  
4px #9CE095 }
```

Background

The CSS property to change the background color of an element to Hex 9CE095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE095 }
```

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

```
.background{ background-color:#9CE095 }
```

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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