

Converting Colors

Hex(9BDE94)

Have a look what the booklet for
Hex(9BDE94) contains.

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Color

Hex(9BDE94)

Conversions

Conversions Part 1

Format	Color
Hex	9BDE94
RGB	155, 222, 148
RGB Percent	61%, 87%, 58%
CMY	0.3922, 0.1294, 0.4196
CMYK	0.30, 0.00, 0.33, 0.13
HSL	114°, 53%, 73%
HSV	114°, 33%, 87%
XYZ	44.9841, 61.3492, 37.4876
YIQ	193.5310, -16.1780, -37.2180

Conversions

Conversions Part 2

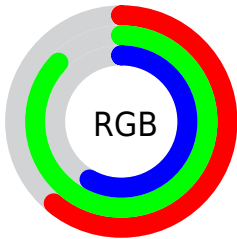
Format	Color
RYB	148, 222, 215
Decimal	10215060
CIELab	82.57, -35.20, 29.77
CIELCh	83, 46.100, 139.783
Yxy	61.3492, 0.3128, 0.4266
Android (android.graphics.Color)	4288405140 (0xFF9BDE94)
YUV	193.5310, -22.4468, -33.7917
Hunter-Lab	78.3258, -34.5537, 26.4511

Details

The Hex color **9BDE94** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D794DE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D3FFCB**, and **65A661** is the 20% darker color. If you saturate the color by 10%, you get **87DE7E**, and if you desaturate by 10%, it is **AFDEAA**.

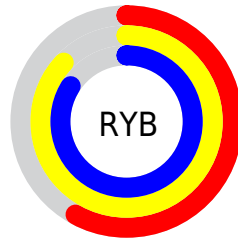
Distribution



Red (61%)

Green (87%)

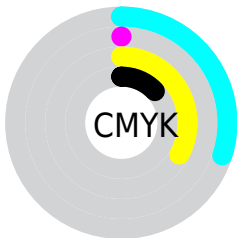
Blue (58%)



Red (58%)

Yellow (87%)

Blue (84%)

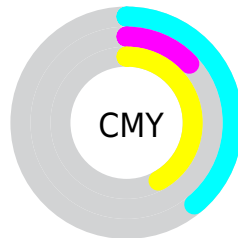


Cyan (30%)

Magenta (0%)

Yellow (33%)

Black (13%)



Cyan (39%)

Magenta (13%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDE94 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 9BDE94 by changing the saturation by 10% instead.

 9BDE94

 9BDE94

FFFFFF


 80C27A

 D3FFCB

 65A661

 F0FFE7

 4B8C48

 317230

 135919

 004101

 002A00

 001000

 000000

 9BDE94

 9BDE94

 87DE7E

 AFDEAA

 73DE68

 C3DEC0

 5FDE51

 D7DED7

 4BDE3B

 EBDEED

 36DE25

 FFDEFF

 22DE0F

 15DE00

Harmonies

Analogous

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



CDD47A



9BDE94



60E4BD

Triad

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



9BDE94



70D6FF



FFADB2

Complementary

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



9BDE94



D794DE

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



9BDE94



BCC8FF

Square

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



9BDE94



00E0FF



F5B8FF



FFB78D

Rectangle

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



9BDE94



28E5DB



F5B8FF



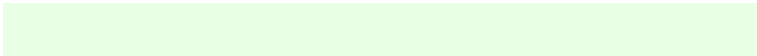
FFABC1

Sweetspot

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



9BDE94



E8FFE6



DED794



728070



000000



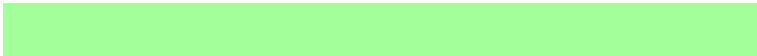
808080

Same Dimension

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



9BDE94



A3FF99



94DEB2



667065



11B000



053000

Inverse Universe

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



D794DE



F599FF



DE94C0



6F6570



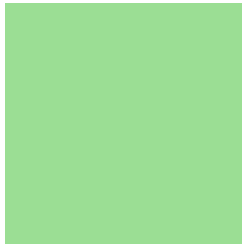
9F00B0



2C0030

Previews

White Background



This preview shows how the Hex color 9BDE94 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 9BDE94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

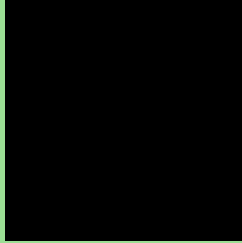
Any Text WCAG AA ✓ Pass

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 9BDE94 Background



This preview shows how black text looks on a background with the Hex color 9BDE94.

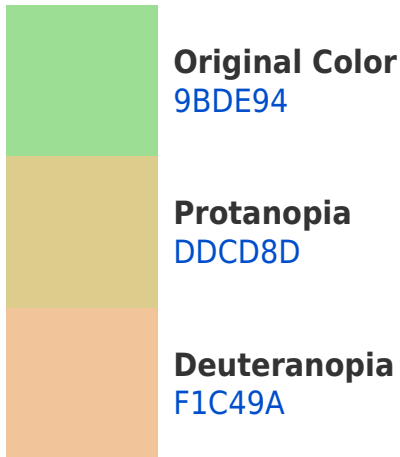


This preview shows how white text looks on a background with the Hex color 9BDE94.

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
A9D4E5

Trichromacy



Original Color
9BDE94



Protanomaly
C5D390



Deuteranomaly
D2CD98



Tritanomaly
A4D8C8

Monochromacy



Original Color
9BDE94



Achromatopsia
C2C2C2



Achromatomaly
B4CCB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDE94 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 #9BDE94 looks like.

```
.text, #text, p{  
    color:#9BDE94  
}
```

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 #9BDE94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDE94
}
```

Border

The CSS property to change the border of an element to Hex 9BDE94 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
#9BDE94 }
```

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

```
.border{ border-color:#9BDE94 }
```

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

Here you see how a box with a 4 pixel #9BDE94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDE94; -webkit-box-shadow:4px 4px  
4px 4px #9BDE94; box-shadow:4px 4px 4px  
4px #9BDE94 }
```

Background

The CSS property to change the background color of an element to Hex 9BDE94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDE94 }
```

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

```
.background{ background-color:#9BDE94 }
```

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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