

Converting Colors

Hex(9BDC89)

Have a look what the booklet for
Hex(9BDC89) contains.

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Color

Hex(9BDC89)

Conversions

Conversions Part 1

Format	Color
Hex	9BDC89
RGB	155, 220, 137
RGB Percent	61%, 86%, 54%
CMY	0.3922, 0.1373, 0.4627
CMYK	0.30, 0.00, 0.38, 0.14
HSL	107°, 54%, 70%
HSV	107°, 38%, 86%
XYZ	43.6261, 59.9611, 32.9412
YIQ	191.1030, -12.0970, -39.5930

Conversions

Conversions Part 2

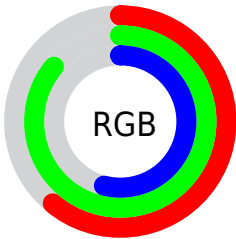
Format	Color
RYB	137, 220, 202
Decimal	10214537
CIELab	81.82, -35.93, 34.39
CIElCh	82, 49.737, 136.260
Yxy	59.9611, 0.3195, 0.4392
Android (android.graphics.Color)	4288404617 (0xFF9BDC89)
YUV	191.1030, -26.6728, -31.6623
Hunter-Lab	77.4346, -34.9447, 28.9818

Details

The Hex color **9BDC89** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CA89DC**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D3FFBF**, and **65A556** is the 20% darker color. If you saturate the color by 10%, you get **8ADC73**, and if you desaturate by 10%, it is **ACDC9F**.

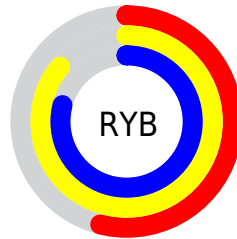
Distribution



Red (61%)

Green (86%)

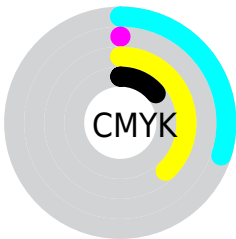
Blue (54%)



Red (54%)

Yellow (86%)

Blue (79%)

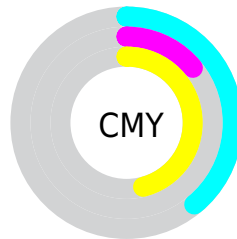


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (14%)



Cyan (39%)

Magenta (14%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDC89 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 9BDC89 by changing the saturation by 10% instead.

 9BDC89

 9BDC89

FFFFFF

 80C06F

 D3FFBF

 65A556

 F0FFDB

 4B8A3D

 FFFFF8

 307025

 12570C

 003F00

 002900

 000C00

 000000

 9BDC89

 9BDC89

 8ADC73

 ACDC9F

 79DC5D

 BDDCB5

 67DC47

 CFDCCB

 56DC31

 E0DCE1

 45DC1B

 F1DCF7

 34DC05

 FFDCFF

 30DC00

Harmonies

Analogous

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



D0D170



9BDC89



58E2B4

Triad

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



9BDC89



50D6FF



FFA6B4

Complementary

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



9BDC89



CA89DC

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.



FFA8E3



9BDC89



AFC7FF

Square

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



9BDC89



00E0FF



F0B6FF



FFB18A

Rectangle

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



9BDC89



00E4D4



F0B6FF



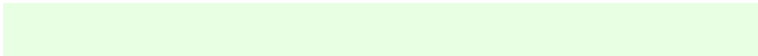
FFA6C3

Sweetspot

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



9BDC89



E9FFE3



DCC989



73806F



000000



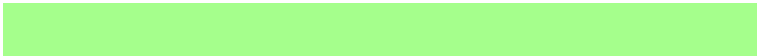
808080

Same Dimension

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



9BDC89



A5FF8C



89DC9F



656E63



26AD00



0A2E00

Inverse Universe

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



CA89DC



E68CFF



DC89C6



6B636E



8800AD



24002E

Previews

White Background



This preview shows how the Hex color 9BDC89 looks on a white background.

Color Contrast Check

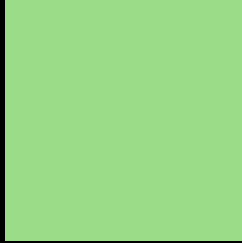
Large Text (above 18pt) WCAG AA × Fail

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 9BDC89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

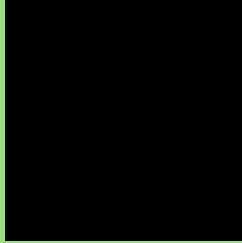
Any Text WCAG AA ✓ Pass

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 9BDC89 Background



This preview shows how black text looks on a background with the Hex color 9BDC89.

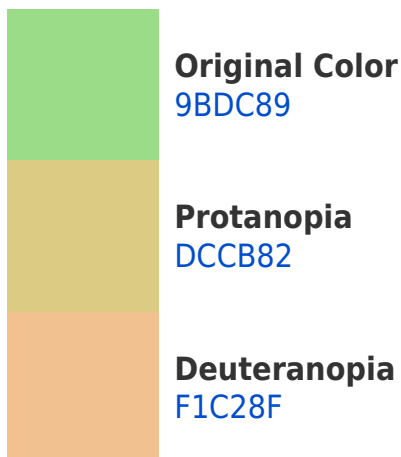


This preview shows how white text looks on a background with the Hex color 9BDC89.

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](#).

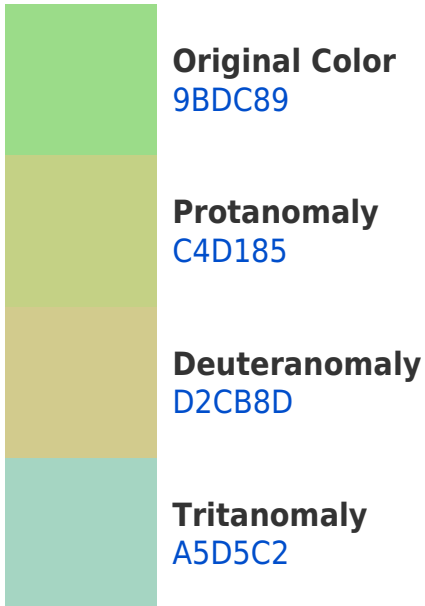
Dichromacy



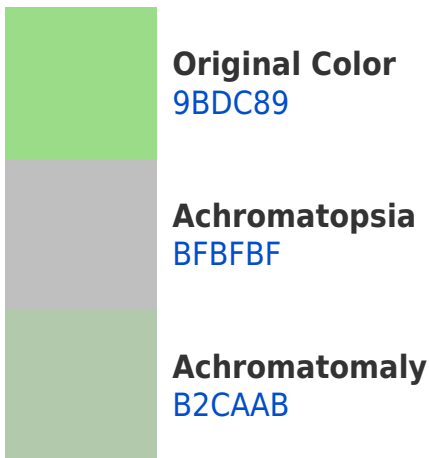


Tritanopia
AAD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDC89 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 #9BDC89 looks like.

```
.text, #text, p{  
    color:#9BDC89  
}
```

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 #9BDC89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDC89
}
```

Border

The CSS property to change the border of an element to Hex 9BDC89 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
#9BDC89 }
```

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

```
.border{ border-color:#9BDC89 }
```

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

Here you see how a box with a 4 pixel #9BDC89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDC89; -webkit-box-shadow:4px 4px  
4px 4px #9BDC89; box-shadow:4px 4px 4px  
4px #9BDC89 }
```

Background

The CSS property to change the background color of an element to Hex 9BDC89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDC89 }
```

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

```
.background{ background-color:#9BDC89 }
```

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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