

Converting Colors

Hex(89D3A6)

Have a look what the booklet for
Hex(89D3A6) contains.

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Color

Hex(89D3A6)

Conversions

Conversions Part 1

Format	Color
Hex	89D3A6
RGB	137, 211, 166
RGB Percent	54%, 83%, 65%
CMY	0.4627, 0.1725, 0.3490
CMYK	0.35, 0.00, 0.21, 0.17
HSL	144°, 46%, 68%
HSV	144°, 35%, 83%
XYZ	40.4937, 54.6601, 44.4926
YIQ	183.7440, -29.6590, -29.6830

Conversions

Conversions Part 2

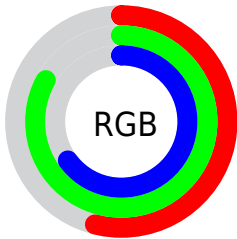
Format	Color
RYB	137, 190, 211
Decimal	9032614
CIELab	78.85, -32.59, 15.11
CIELCh	79, 35.919, 155.118
Yxy	54.6601, 0.2900, 0.3914
Android (android.graphics.Color)	4287222694 (0xFF89D3A6)
YUV	183.7440, -8.7478, -40.9945
Hunter-Lab	73.9324, -31.6151, 16.0720

Details

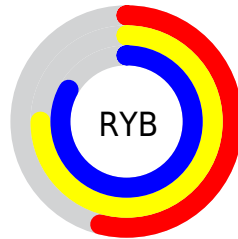
The Hex color **89D3A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D389B6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C0FFDD**, and **549C72** is the 20% darker color. If you saturate the color by 10%, you get **74D399**, and if you desaturate by 10%, it is **9ED3B3**.

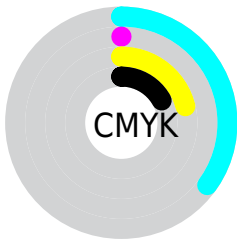
Distribution



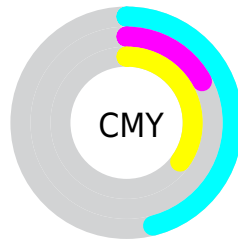
- Red (54%)
- Green (83%)
- Blue (65%)



- Red (54%)
- Yellow (75%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)



- Cyan (46%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D3A6 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 89D3A6 by changing the saturation by 10% instead.



89D3A6



89D3A6

FFFFFF



6EB78C



C0FFDD



549C72



D0FFFA



398259



FAFFFF



1D6842



004F2B



003816



002300



000000



89D3A6



89D3A6

 74D399

 9ED3B3

 5FD38C

 B3D3C0

 4AD380

 C8D3CC

 35D373

 DDD3D9

 1FD366

 F3D3E6

 0AD359

 FFD3F3

 00D353

 FFD3FF

Harmonies

Analogous

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



B1CD8C



89D3A6



63D6C8

Triad

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



89D3A6



9FC4FF



FFAE9E

Complementary

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



89D3A6



D389B6

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.



FFAABF



89D3A6



CFB9FA

Square

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



89D3A6



6DCEFF



F2AEE0



F2B887

Rectangle

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



89D3A6



52D5DE



F2AEE0



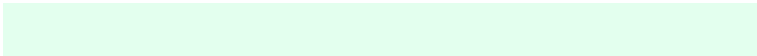
FFACA8

Sweetspot

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



89D3A6



E3FFEE



B7D389



6F8075



000000



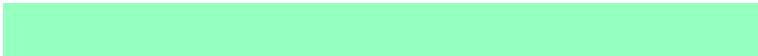
808080

Same Dimension

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



89D3A6



94FFBE



89D3CA



5E6962



00A842



002910

Inverse Universe

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



D389B6



FF94D5



D38992



695E64



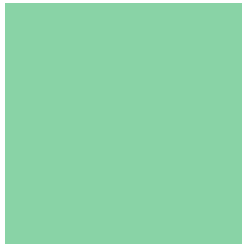
A80066



290019

Previews

White Background



This preview shows how the Hex color 89D3A6 looks on a white background.

Color Contrast Check

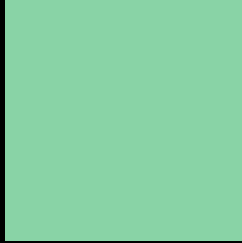
Large Text (above 18pt) WCAG AA × Fail

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 89D3A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

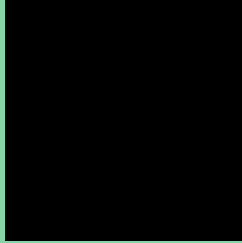
Any Text WCAG AA ✓ Pass

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 89D3A6 Background



This preview shows how black text looks on a background with the Hex color 89D3A6.

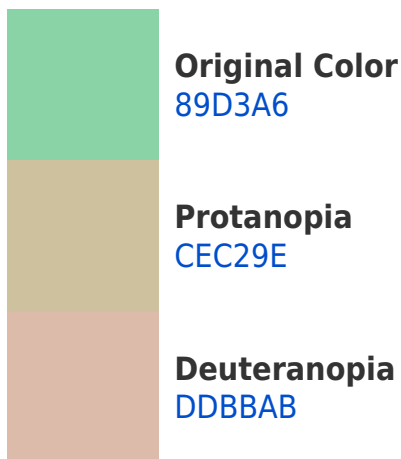


This preview shows how white text looks on a background with the Hex color 89D3A6.

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
89D3A6



Protanomaly
B5C8A1



Deuteranomaly
BEC4A9

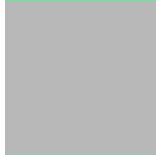


Tritanomaly
90CFC8

Monochromacy



Original Color
89D3A6



Achromatopsia
B8B8B8



Achromatomaly
A7C2B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 89D3A6 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 #89D3A6 looks like.

```
.text, #text, p{  
    color:#89D3A6  
}
```

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 #89D3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D3A6
}
```

Border

The CSS property to change the border of an element to Hex 89D3A6 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
#89D3A6 }
```

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

```
.border{ border-color:#89D3A6 }
```

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

Here you see how a box with a 4 pixel #89D3A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D3A6; -webkit-box-shadow:4px 4px  
4px 4px #89D3A6; box-shadow:4px 4px 4px  
4px #89D3A6 }
```

Background

The CSS property to change the background color of an element to Hex 89D3A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D3A6 }
```

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

```
.background{ background-color:#89D3A6 }
```

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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