

Converting Colors

Hex(89B396)

Have a look what the booklet for
Hex(89B396) contains.

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Color

Hex(89B396)

Conversions

Conversions Part 1

Format	Color
Hex	89B396
RGB	137, 179, 150
RGB Percent	54%, 70%, 59%
CMY	0.4627, 0.2980, 0.4118
CMYK	0.23, 0.00, 0.16, 0.30
HSL	139°, 22%, 62%
HSV	139°, 23%, 70%
XYZ	31.9416, 39.7606, 34.8452
YIQ	163.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

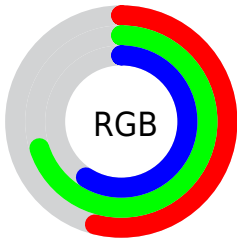
Format	Color
RYB	137, 169, 179
Decimal	9024406
CIELab	69.30, -20.04, 10.27
CIElCh	69, 22.519, 152.880
Yxy	39.7606, 0.2998, 0.3732
Android (android.graphics.Color)	4287214486 (0xFF89B396)
YUV	163.1360, -6.4760, -22.9213
Hunter-Lab	63.0560, -19.9270, 11.3751

Details

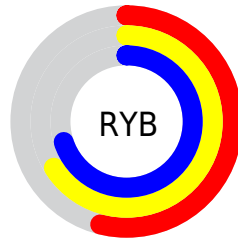
The Hex color **89B396** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B389A6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BFEBCC**, and **567E63** is the 20% darker color. If you saturate the color by 10%, you get **77B38A**, and if you desaturate by 10%, it is **9BB3A2**.

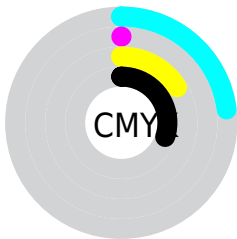
Distribution



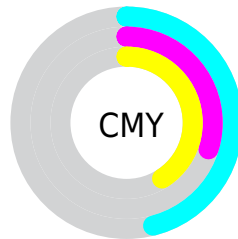
- Red (54%)
- Green (70%)
- Blue (59%)



- Red (54%)
- Yellow (66%)
- Blue (70%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)



- Cyan (46%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B396 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 89B396 by changing the saturation by 10% instead.



89B396



89B396

FFFFFF



6F987C



BFEBCC



567E63



DBFFE8



3E654B



F8FFFF



264D35



0F361F



002108



000000



89B396



89B396



77B38A



9BB3A2

 65B37D

 ADB3AF

 53B371

 BFB3BB

 41B365

 D1B3C7

 30B358

 E3B3D4

 1EB34C

 F4B3E0

 0CB33F

 FFB3ED

 00B337

 FFB3F9

 FFB3FF

Harmonies

Analogous

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



A0AF87



89B396



76B5AA

Triad

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



89B396



94AAD2



D29C94

Complementary

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



89B396



B389A6

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.



D29BA8



89B396



AFA3CB

Square

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



89B396



7BB0CD



C59DBC



C8A286

Rectangle

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



89B396



70B5B8



C59DBC



D39B9A

Sweetspot

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



89B396



D8E8DD



A6B389



6C756F



F5F5F5



757575

Same Dimension

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



89B396



A7E8BB



89B3AB



505953



00992F



001A08

Inverse Universe

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



B389A6



E8A7D4



B38991



595056



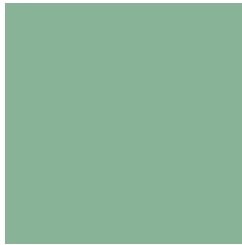
99006A



1A0012

Previews

White Background



This preview shows how the Hex color 89B396 looks on a white background.

Color Contrast Check

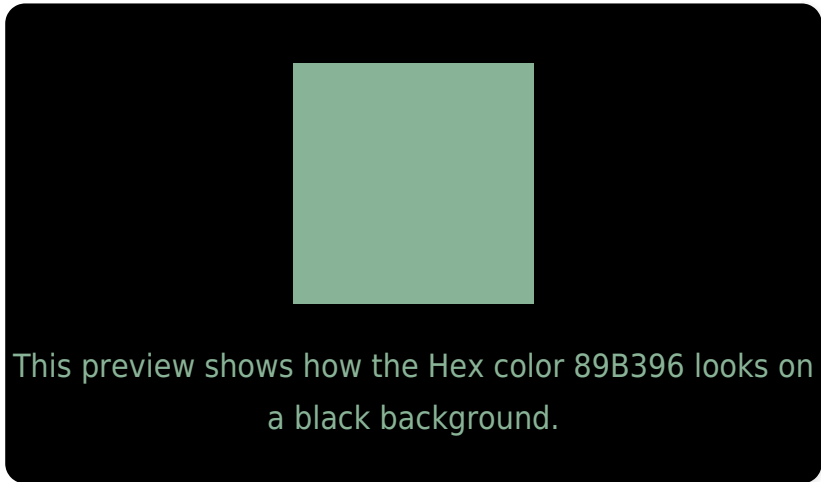
Large Text (above 18pt) WCAG AA × Fail

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

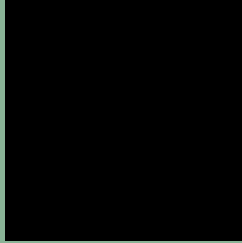
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

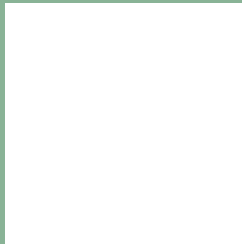
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 89B396 Background



This preview shows how black text looks on a background with the Hex color 89B396.

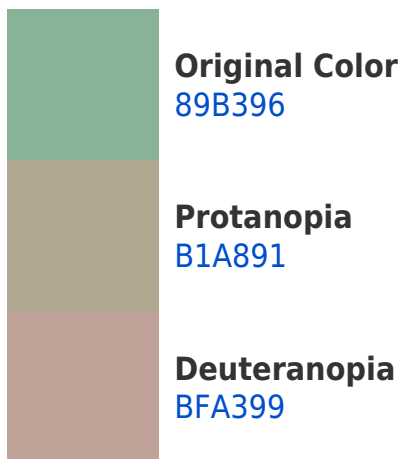


This preview shows how white text looks on a background with the Hex color 89B396.

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
90AEB3

Trichromacy



Original Color
89B396

Protanomaly
A2AC93

Deuteranomaly
ABA998

Tritanomaly
8DB0AE

Monochromacy



Original Color
89B396

Achromatopsia
A3A3A3

Achromatomaly
9AA99E

CSS Examples

Text

The CSS property to change the color of the text to Hex 89B396 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 #89B396 looks like.

```
.text, #text, p{  
    color:#89B396  
}
```

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 #89B396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B396
}
```

Border

The CSS property to change the border of an element to Hex 89B396 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
#89B396 }
```

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

```
.border{ border-color:#89B396 }
```

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

Here you see how a box with a 4 pixel #89B396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B396; -webkit-box-shadow:4px 4px  
4px 4px #89B396; box-shadow:4px 4px 4px  
4px #89B396 }
```

Background

The CSS property to change the background color of an element to Hex 89B396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B396 }
```

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

```
.background{ background-color:#89B396 }
```

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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