

Converting Colors

Hex(89B583)

Have a look what the booklet for
Hex(89B583) contains.

Hex(89B583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89B583)

Conversions

Conversions Part 1

Format	Color
Hex	89B583
RGB	137, 181, 131
RGB Percent	54%, 71%, 51%
CMY	0.4627, 0.2902, 0.4863
CMYK	0.24, 0.00, 0.28, 0.29
HSL	113°, 25%, 61%
HSV	113°, 28%, 71%
XYZ	30.9371, 40.0048, 27.5639
YIQ	162.1440, -10.1740, -24.8780

Conversions

Conversions Part 2

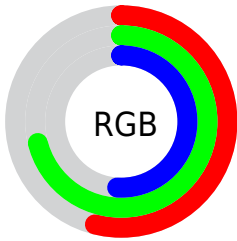
Format	Color
RYB	131, 181, 175
Decimal	9024899
CIELab	69.47, -24.48, 20.85
CIELCh	69, 32.152, 139.578
Yxy	40.0048, 0.3141, 0.4061
Android (android.graphics.Color)	4287214979 (0xFF89B583)
YUV	162.1440, -15.3540, -22.0513
Hunter-Lab	63.2494, -23.3767, 18.4362

Details

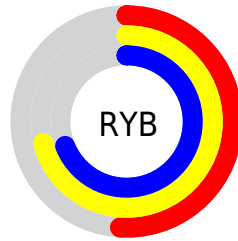
The Hex color **89B583** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AF83B5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BFEDB8**, and **568051** is the 20% darker color. If you saturate the color by 10%, you get **79B571**, and if you desaturate by 10%, it is **99B595**.

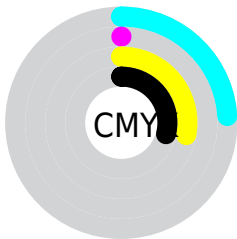
Distribution



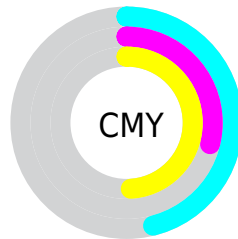
- Red (54%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B583 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 89B583 by changing the saturation by 10% instead.



89B583



89B583

FFFFFF



6F9A6A



BFEDB8



568051



DBFFD4



3D673A



F8FFF0



254E24



0C370E



002200



000000



89B583



89B583



79B571



99B595

 69B55F

 A9B5A7

 59B54D

 B9B5B9

 49B53B

 C9B5CB

 39B528

 D9B5DD

 29B516

 E9B5F0

 1AB504

 F8B5FF

 16B500

 FFB5FF

Harmonies

Analogous

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



AAAE72



89B583



66B99E

Triad

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



89B583



73B0E2



E49498

Complementary

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



89B583



AF83B5

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.



DC95B5



89B583



9FA6E0

Square

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



89B583



4EB6D5



C59CD0



DC9B7E

Rectangle

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



89B583



52BAB2



C59CD0



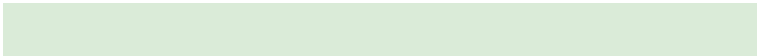
E394A1

Sweetspot

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



89B583



DAEBD8



B5AE83



6B756A



F5F5F5



757575

Same Dimension

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



89B583



A6EB9D



83B595



515950



129900



031A00

Inverse Universe

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



AF83B5



E19DEB



B583A3



585059



870099



16001A

Previews

White Background



This preview shows how the Hex color 89B583 looks on a white background.

Color Contrast Check

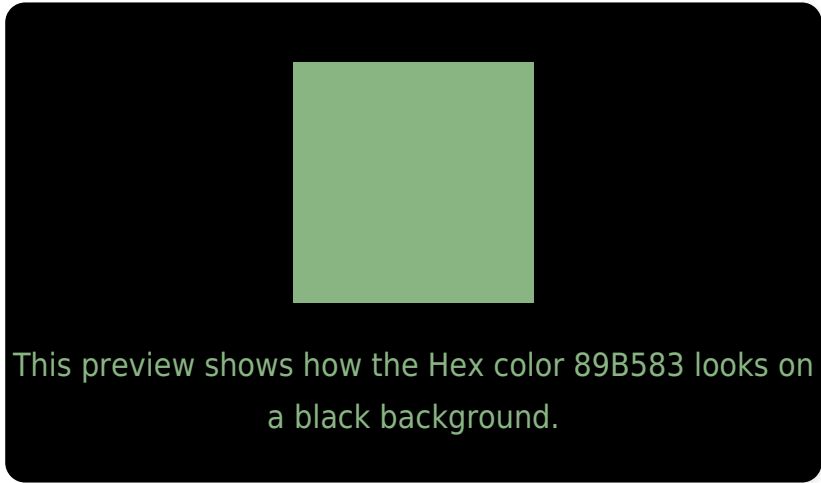
Large Text (above 18pt) WCAG AA × Fail

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 89B583 Background



This preview shows how black text looks on a background with the Hex color 89B583.

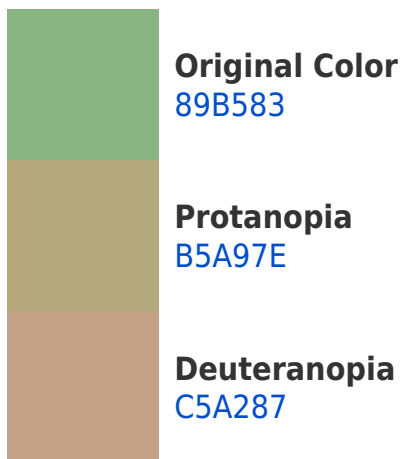


This preview shows how white text looks on a background with the Hex color 89B583.

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](#).

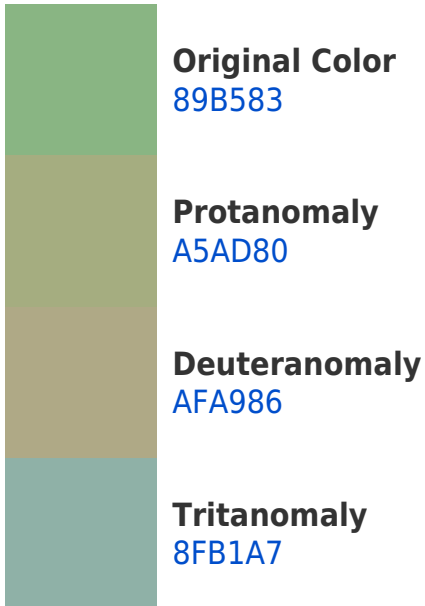
Dichromacy





Tritanopia
93AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B583 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 #89B583 looks like.

```
.text, #text, p{  
    color:#89B583  
}
```

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 #89B583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B583
}
```

Border

The CSS property to change the border of an element to Hex 89B583 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
#89B583 }
```

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

```
.border{ border-color:#89B583 }
```

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

Here you see how a box with a 4 pixel #89B583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B583; -webkit-box-shadow:4px 4px  
4px 4px #89B583; box-shadow:4px 4px 4px  
4px #89B583 }
```

Background

The CSS property to change the background color of an element to Hex 89B583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B583 }
```

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

```
.background{ background-color:#89B583 }
```

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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