

Converting Colors

Hex(89B580)

Have a look what the booklet for
Hex(89B580) contains.

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Color

Hex(89B580)

Conversions

Conversions Part 1

Format	Color
Hex	89B580
RGB	137, 181, 128
RGB Percent	54%, 71%, 50%
CMY	0.4627, 0.2902, 0.4980
CMYK	0.24, 0.00, 0.29, 0.29
HSL	110°, 26%, 61%
HSV	110°, 29%, 71%
XYZ	30.7367, 39.9246, 26.5083
YIQ	161.8020, -9.2110, -25.8110

Conversions

Conversions Part 2

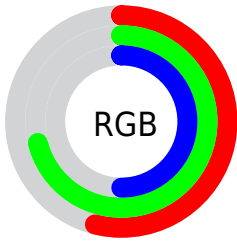
Format	Color
RYB	128, 181, 172
Decimal	9024896
CIELab	69.42, -24.98, 22.39
CIELCh	69, 33.539, 138.130
Yxy	39.9246, 0.3163, 0.4109
Android (android.graphics.Color)	4287214976 (0xFF89B580)
YUV	161.8020, -16.6644, -21.7514
Hunter-Lab	63.1859, -23.7444, 19.3563

Details

The Hex color **89B580** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AC80B5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BFEDB5**, and **56804E** is the 20% darker color. If you saturate the color by 10%, you get **7AB56E**, and if you desaturate by 10%, it is **98B592**.

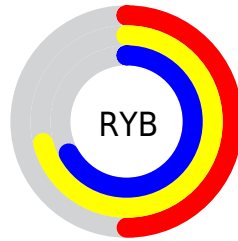
Distribution



Red (54%)

Green (71%)

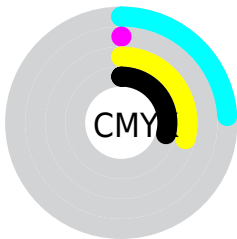
Blue (50%)



Red (50%)

Yellow (71%)

Blue (67%)

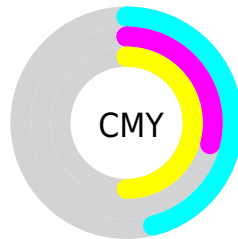


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (46%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B580 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 89B580 by changing the saturation by 10% instead.

 89B580

 89B580

FFFFFF

 6F9A67

 BFEDB5

 56804E

 DBFFD1

 3D6737

 F8FFED

 254E21

 0C370B

 002200

 000000

 89B580

 89B580

 7AB56E

 98B592

 6BB55C

 A7B5A4

 5CB54A

 B6B5B6

 4DB538

 C5B5C8

 3EB525

 D4B5DB

 2FB513

 E3B5ED

 20B501

 F2B5FF

 1FB500

 FFB5FF

Harmonies

Analogous

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



ACAD6F



89B580



64B99C

Triad

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



89B580



6DB0E4



E69398

Complementary

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



89B580



AC80B5

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.



DD94B7



89B580



9CA6E3

Square

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



89B580



44B7D6



C49BD2



DE997E

Rectangle

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



89B580



4DBAB1



C49BD2



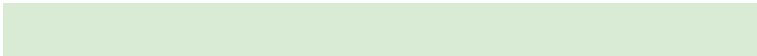
E592A2

Sweetspot

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



89B580



D9EBD5



B5AB80



6B7568



F5F5F5



757575

Same Dimension

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



89B580



A6EB98



80B591



525950



1A9900



041A00

Inverse Universe

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



AC80B5



DD98EB



B580A4



585059



7F0099



15001A

Previews

White Background



This preview shows how the Hex color 89B580 looks on a white background.

Color Contrast Check

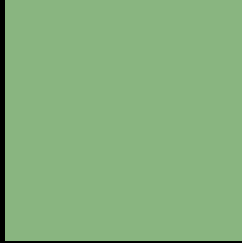
Large Text (above 18pt) WCAG AA × Fail

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 89B580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

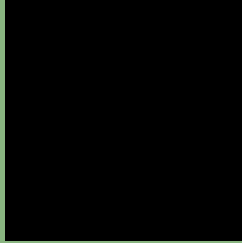
Any Text WCAG AA ✓ Pass

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 89B580 Background



This preview shows how black text looks on a background with the Hex color 89B580.

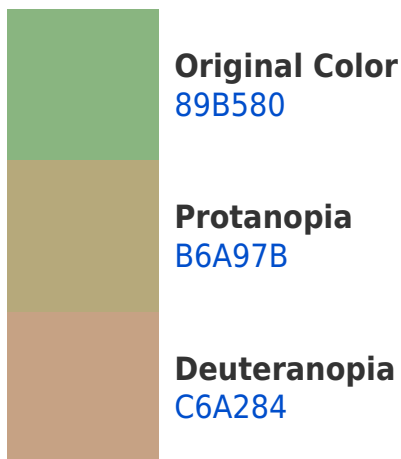


This preview shows how white text looks on a background with the Hex color 89B580.

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](#).

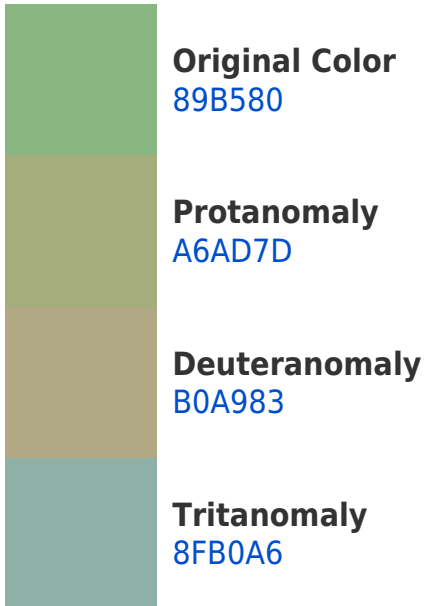
Dichromacy



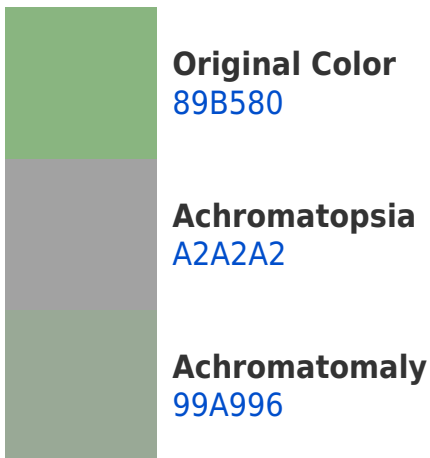


Tritanopia
93ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B580 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 #89B580 looks like.

```
.text, #text, p{  
    color:#89B580  
}
```

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 #89B580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B580
}
```

Border

The CSS property to change the border of an element to Hex 89B580 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
#89B580 }
```

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

```
.border{ border-color:#89B580 }
```

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

Here you see how a box with a 4 pixel #89B580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B580; -webkit-box-shadow:4px 4px  
4px 4px #89B580; box-shadow:4px 4px 4px  
4px #89B580 }
```

Background

The CSS property to change the background color of an element to Hex 89B580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B580 }
```

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

```
.background{ background-color:#89B580 }
```

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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