

Converting Colors

Hex(89996B)

Have a look what the booklet for
Hex(89996B) contains.

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Color

Hex(89996B)

Conversions

Conversions Part 1

Format	Color
Hex	89996B
RGB	137, 153, 107
RGB Percent	54%, 60%, 42%
CMY	0.4627, 0.4000, 0.5804
CMYK	0.10, 0.00, 0.30, 0.40
HSL	81°, 18%, 51%
HSV	81°, 30%, 60%
XYZ	24.3616, 29.1624, 18.2548
YIQ	142.9720, 5.2300, -17.6980

Conversions

Conversions Part 2

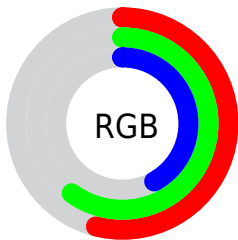
Format	Color
R_{YB}	107, 153, 123
Decimal	9017707
CIE _{Lab}	60.92, -13.96, 22.35
CIE _{LCh}	61, 26.351, 121.998
Yxy	29.1624, 0.3394, 0.4063
Android (android.graphics.Color)	4287207787 (0xFF89996B)
YUV	142.9720, -17.7342, -5.2374
Hunter-Lab	54.0022, -13.9785, 17.7592

Details

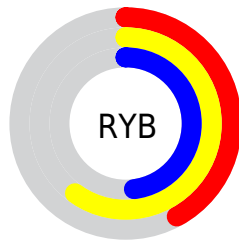
The Hex color **89996B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B6B99**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BFCF9F**, and **56663B** is the 20% darker color. If you saturate the color by 10%, you get **84995C**, and if you desaturate by 10%, it is **8E997A**.

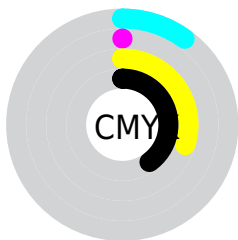
Distribution



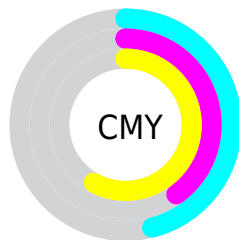
- Red (54%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89996B 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 89996B by changing the saturation by 10% instead.



89996B



89996B

FFFFFF



6F7F53



BFCF9F



56663B



DBECBA



3F4E25



F7FFD6



28370F



FFFFF2



142200



000600



000000



89996B



89996B



84995C



8E997A

 7E994C

 94998A

 79993D

 999999

 74992E

 9E99A8

 6E991E

 A499B8

 69990F

 A999C7

 649900

 AE99D6

 B499E5

 B999F5

Harmonies

Analogous

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



A29264



89996B



6E9E7C

Triad

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



89996B



579BBB



C08292

Complementary

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



89996B



7B6B99

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.



B285A9



89996B



7795C1

Square

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



89996B



499FAB



988CBA



C1847B

Rectangle

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



89996B



5DA08C



988CBA



BD829A

Sweetspot

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



89996B



C1C7B5



997A6B



606359



E3E3E3



636363

Same Dimension

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



89996B



AEC77F



73996B



4A4D45



5B8C00



080D00

Inverse Universe

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



7B6B99



987FC7



916B99



48454D



31008C



04000D

Previews

White Background



This preview shows how the Hex color 89996B looks on a white background.

Color Contrast Check

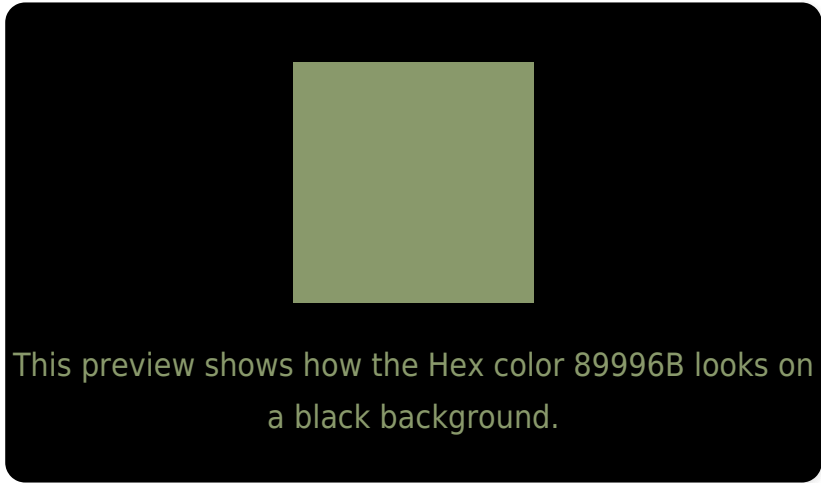
Large Text (above 18pt) WCAG AA ✓ Pass

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

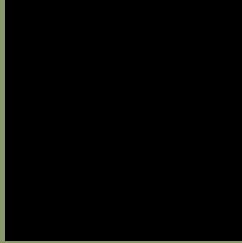
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 89996B Background



This preview shows how black text looks on a background with the Hex color 89996B.

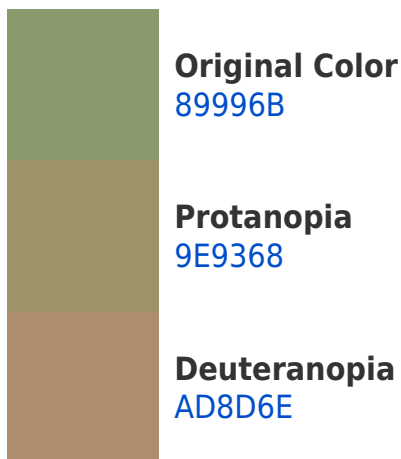


This preview shows how white text looks on a background with the Hex color 89996B.

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](#).

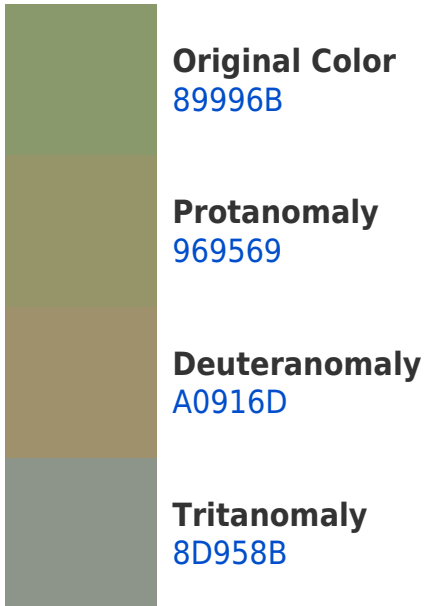
Dichromacy



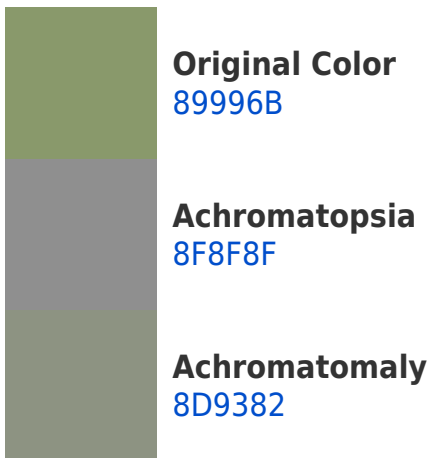


Tritanopia
90929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89996B 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 #89996B looks like.

```
.text, #text, p{  
    color:#89996B  
}
```

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 #89996B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89996B
}
```

Border

The CSS property to change the border of an element to Hex 89996B 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
#89996B }
```

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

```
.border{ border-color:#89996B }
```

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

Here you see how a box with a 4 pixel #89996B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89996B; -webkit-box-shadow:4px 4px  
4px 4px #89996B; box-shadow:4px 4px 4px  
4px #89996B }
```

Background

The CSS property to change the background color of an element to Hex 89996B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89996B }
```

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

```
.background{ background-color:#89996B }
```

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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