

Converting Colors

Hex(89B070)

Have a look what the booklet for
Hex(89B070) contains.

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Color

Hex(89B070)

Conversions

Conversions Part 1

Format	Color
Hex	89B070
RGB	137, 176, 112
RGB Percent	54%, 69%, 44%
CMY	0.4627, 0.3098, 0.5608
CMYK	0.22, 0.00, 0.36, 0.31
HSL	97°, 29%, 56%
HSV	97°, 36%, 69%
XYZ	28.7665, 37.5389, 21.0588
YIQ	157.0430, -2.7000, -28.1720

Conversions

Conversions Part 2

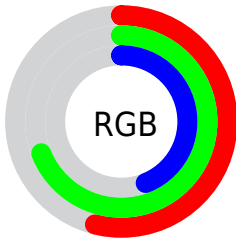
Format	Color
RYB	112, 176, 151
Decimal	9023600
CIELab	67.68, -24.99, 28.61
CIELCh	68, 37.987, 131.128
Yxy	37.5389, 0.3293, 0.4297
Android (android.graphics.Color)	4287213680 (0xFF89B070)
YUV	157.0430, -22.2062, -17.5777
Hunter-Lab	61.2690, -23.4129, 22.5097

Details

The Hex color **89B070** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9770B0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BFE8A4**, and **567B3F** is the 20% darker color. If you saturate the color by 10%, you get **7EB05E**, and if you desaturate by 10%, it is **94B082**.

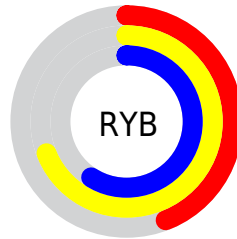
Distribution



Red (54%)

Green (69%)

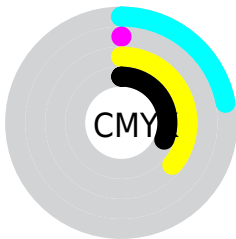
Blue (44%)



Red (44%)

Yellow (69%)

Blue (59%)

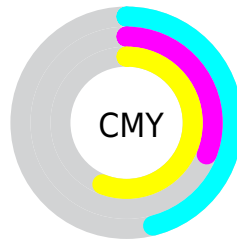


Cyan (22%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (46%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B070 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 89B070 by changing the saturation by 10% instead.

 89B070

 89B070

FFFFFF

 6F9557

 BFE8A4

 567B3F

 DCFFC0

 3D6228

 F8FFDC

 254A11

 FFFFF8

 0E3300

 001F00

 000000

 89B070

 89B070

 7EB05E

 94B082

 74B04D

 9EB093

 69B03B

 A9B0A5

 5EB02A

 B4B0B6

 53B018

 BFB0C8

 49B006

 C9B0DA

 45B000

 D4B0EB

 DFB0FD

 EAB0FF

Harmonies

Analogous

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



AFA761



89B070



5EB58E

Triad

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



89B070



4AAEE5



E78A99

Complementary

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



89B070



9770B0

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.



DA8DBC



89B070



88A4E8

Square

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



89B070



00B5D1



B997D9



E29079

Rectangle

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



89B070



3BB7A5



B997D9



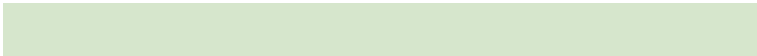
E58AA5

Sweetspot

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



89B070



D6E6CC



B09670



6A7364



F2F2F2



737373

Same Dimension

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



89B070



A8E681



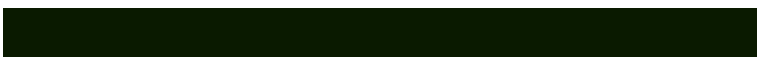
70B076



545950



3C9900



0A1A00

Inverse Universe

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



9770B0



BE81E6



B070AA



565059



5D0099



10001A

Previews

White Background



This preview shows how the Hex color 89B070 looks on a white background.

Color Contrast Check

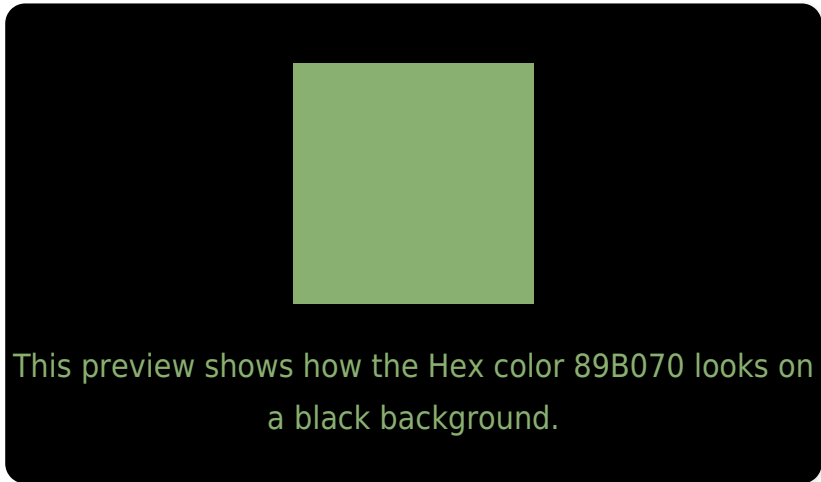
Large Text (above 18pt) WCAG AA × Fail

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

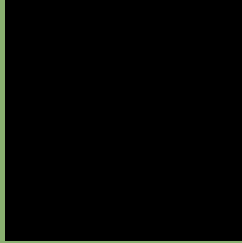
Any Text WCAG AA ✓ Pass

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 89B070 Background



This preview shows how black text looks on a background with the Hex color 89B070.

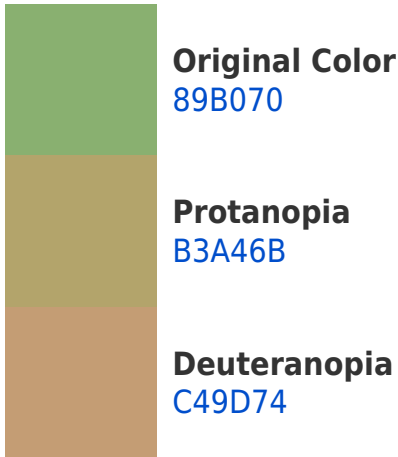


This preview shows how white text looks on a background with the Hex color 89B070.

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](#).

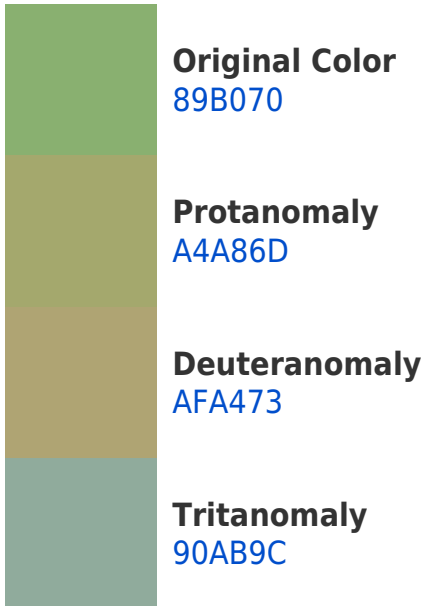
Dichromacy



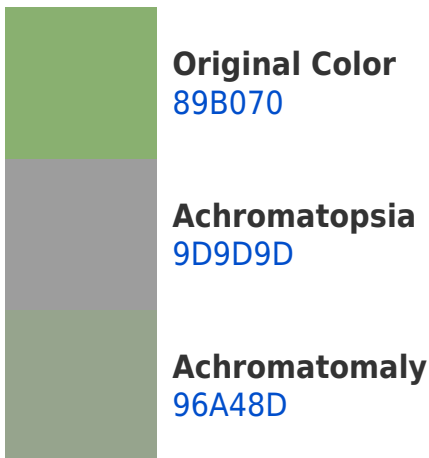


Tritanopia
94A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B070 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 #89B070 looks like.

```
.text, #text, p{  
    color:#89B070  
}
```

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 #89B070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B070
}
```

Border

The CSS property to change the border of an element to Hex 89B070 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
#89B070 }
```

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

```
.border{ border-color:#89B070 }
```

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

Here you see how a box with a 4 pixel #89B070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B070; -webkit-box-shadow:4px 4px  
4px 4px #89B070; box-shadow:4px 4px 4px  
4px #89B070 }
```

Background

The CSS property to change the background color of an element to Hex 89B070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B070 }
```

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

```
.background{ background-color:#89B070 }
```

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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