

Converting Colors

Hex(89B665)

Have a look what the booklet for
Hex(89B665) contains.

Hex(89B665)	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(89B665)

Conversions

Conversions Part 1

Format	Color
Hex	89B665
RGB	137, 182, 101
RGB Percent	54%, 71%, 40%
CMY	0.4627, 0.2863, 0.6039
CMYK	0.25, 0.00, 0.45, 0.29
HSL	93°, 36%, 55%
HSV	93°, 45%, 71%
XYZ	29.3934, 39.7138, 18.4283
YIQ	159.3110, -0.8190, -34.7310

Conversions

Conversions Part 2

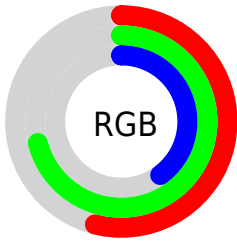
Format	Color
RYB	101, 182, 146
Decimal	9025125
CIELab	69.27, -29.40, 36.38
CIELCh	69, 46.774, 128.943
Yxy	39.7138, 0.3358, 0.4537
Android (android.graphics.Color)	4287215205 (0xFF89B665)
YUV	159.3110, -28.7473, -19.5667
Hunter-Lab	63.0189, -27.0267, 26.7754

Details

The Hex color **89B665** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9265B6**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C0EE99**, and **558134** is the 20% darker color. If you saturate the color by 10%, you get **7FB653**, and if you desaturate by 10%, it is **93B677**.

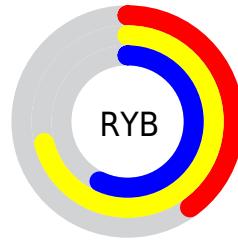
Distribution



Red (54%)

Green (71%)

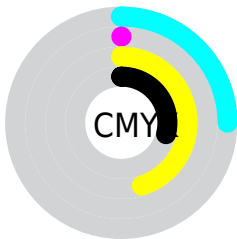
Blue (40%)



Red (40%)

Yellow (71%)

Blue (57%)

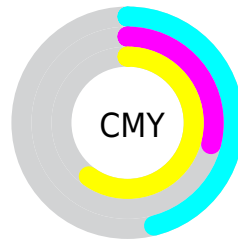


Cyan (25%)

Magenta (0%)

Yellow (45%)

Black (29%)



Cyan (46%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B665 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 89B665 by changing the saturation by 10% instead.

 89B665

 89B665

FFFFFF

 6F9B4C

 C0EE99

 558134

 DCFFB4

 3B671B

 F9FFD0

 224F01

 FFFFED

 073800

 002300

 000000

 89B665

 89B665

 7FB653

 93B677

 75B641

 9DB689

 6BB62E

 A7B69C

 61B61C

 B1B6AE

 56B60A

 BCB6C0

 51B600

 C6B6D2

 D0B6E4

 DAB6F7

 E4B6FF

Harmonies

Analogous

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



B7AB53



89B665



4EBD89

Triad

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



89B665



00B6F7



F9869E

Complementary

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



89B665



9265B6

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.



E88BC9



89B665



7BA9FD

Square

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



89B665



00BDDD



BD99EB



F48E76

Rectangle

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



89B665



00BFA6



BD99EB



F686AC

Sweetspot

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



89B665



DCEDCE



B69265



6D7865



F7F7F7



787878

Same Dimension

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



89B665



A7ED6F



65B669



575C53



459C00



0C1C00

Inverse Universe

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



9265B6



B56FED



B665B2



58535C



56009C



10001C

Previews

White Background



This preview shows how the Hex color 89B665 looks on a white background.

Color Contrast Check

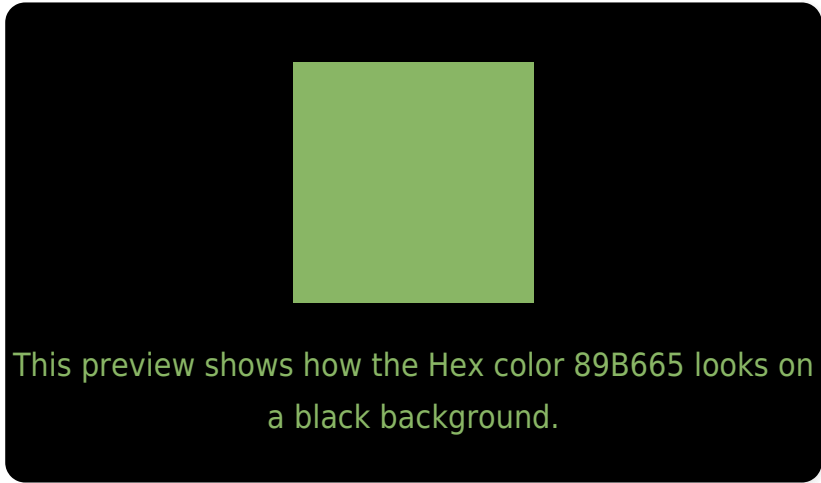
Large Text (above 18pt) WCAG AA × Fail

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 89B665 Background



This preview shows how black text looks on a background with the Hex color 89B665.



This preview shows how white text looks on a background with the Hex color 89B665.

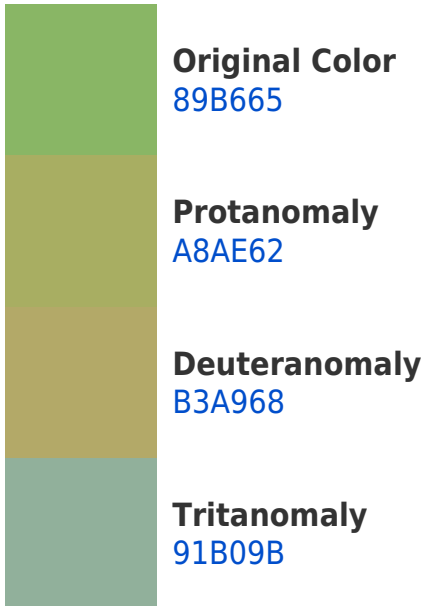
Color Blindness Simulation

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](#).

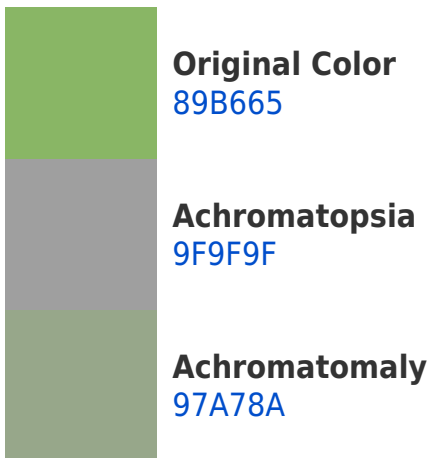
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B665 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 #89B665 looks like.

```
.text, #text, p{  
    color:#89B665  
}
```

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 #89B665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B665
}
```

Border

The CSS property to change the border of an element to Hex 89B665 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
#89B665 }
```

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

```
.border{ border-color:#89B665 }
```

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

Here you see how a box with a 4 pixel #89B665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B665; -webkit-box-shadow:4px 4px  
4px 4px #89B665; box-shadow:4px 4px 4px  
4px #89B665 }
```

Background

The CSS property to change the background color of an element to Hex 89B665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B665 }
```

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

```
.background{ background-color:#89B665 }
```

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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