

Converting Colors

Hex(88BA66)

Have a look what the booklet for
Hex(88BA66) contains.

Hex(88BA66)	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(88BA66)

Conversions

Conversions Part 1

Format	Color
Hex	88BA66
RGB	136, 186, 102
RGB Percent	53%, 73%, 40%
CMY	0.4667, 0.2706, 0.6000
CMYK	0.27, 0.00, 0.45, 0.27
HSL	96°, 38%, 56%
HSV	96°, 45%, 73%
XYZ	30.1105, 41.3114, 18.9573
YIQ	161.4740, -2.8360, -36.7240

Conversions

Conversions Part 2

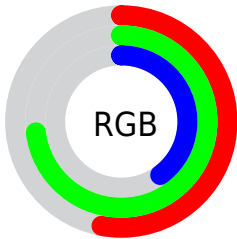
Format	Color
RYB	102, 186, 152
Decimal	8960614
CIELab	70.39, -31.54, 37.28
CIElCh	70, 48.826, 130.231
Yxy	41.3114, 0.3332, 0.4571
Android (android.graphics.Color)	4287150694 (0xFF88BA66)
YUV	161.4740, -29.3207, -22.3407
Hunter-Lab	64.2739, -28.8571, 27.5044

Details

The Hex color **88BA66** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9866BA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BFF29A**, and **538534** is the 20% darker color. If you saturate the color by 10%, you get **7DBA53**, and if you desaturate by 10%, it is **93BA79**.

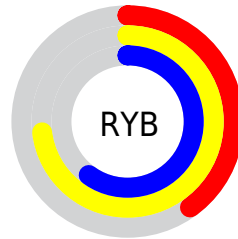
Distribution



Red (53%)

Green (73%)

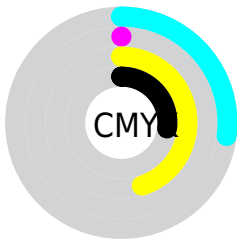
Blue (40%)



Red (40%)

Yellow (73%)

Blue (60%)

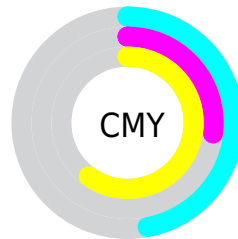


Cyan (27%)

Magenta (0%)

Yellow (45%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88BA66 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 88BA66 by changing the saturation by 10% instead.

 88BA66

 88BA66

FFFFFF

 6D9F4D

 BFF29A

 538534

 DBFFB6

 3A6B1C

 F9FFD2

 205201

 FFFFEE

 033B00

 002600

 000300

 000000

 88BA66

 88BA66

 7DBA53

 93BA79

 72BA41

 9EBA8B

 67BA2E

 A9BA9E

 5CBA1C

 B4BAB0

 51BA09

 BFBAC3

 4BBA00

 CABAD6

 D6BAE8

 E1BAFB

 ECBAFF

Harmonies

Analogous

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



B8AF52



88BA66



48C18D

Triad

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



88BA66



00B9FF



FF879F

Complementary

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



88BA66



9866BA

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.



EF8CCB



88BA66



7EACFF

Square

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



88BA66



00C1E4



C49BF0



F99075

Rectangle

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



88BA66



00C3AB



C49BF0



FD87AE

Sweetspot

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



88BA66



DEF2D0



BA9766



6E7A66



FAFAFA



7A7A7A

Same Dimension

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



88BA66



A4F26F



66BA6D



565C53



3F9C00



0B1C00

Inverse Universe

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



9866BA



BD6FF2



BA66B3



58535C



5D009C



11001C

Previews

White Background



This preview shows how the Hex color 88BA66 looks on a white background.

Color Contrast Check

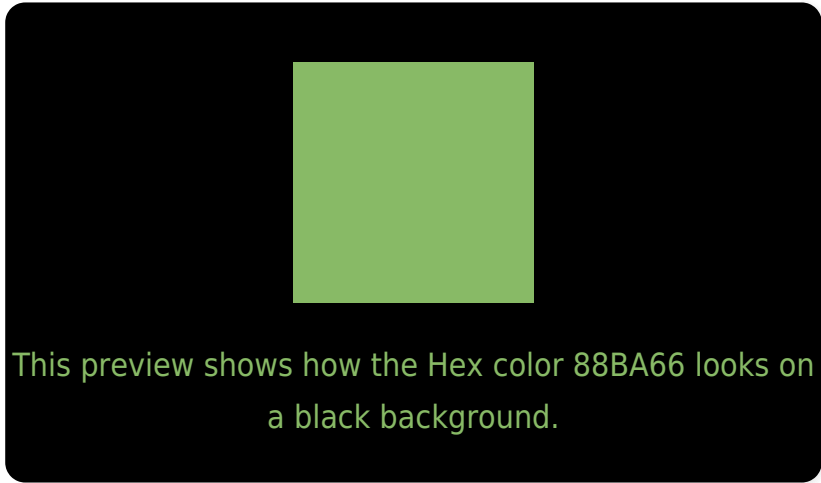
Large Text (above 18pt) WCAG AA × Fail

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

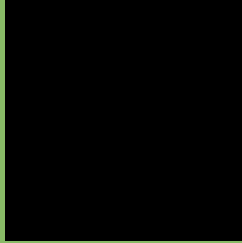
Any Text WCAG AA ✓ Pass

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 88BA66 Background



This preview shows how black text looks on a background with the Hex color 88BA66.



This preview shows how white text looks on a background with the Hex color 88BA66.

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](#).

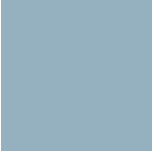
Dichromacy



Original Color
88BA66

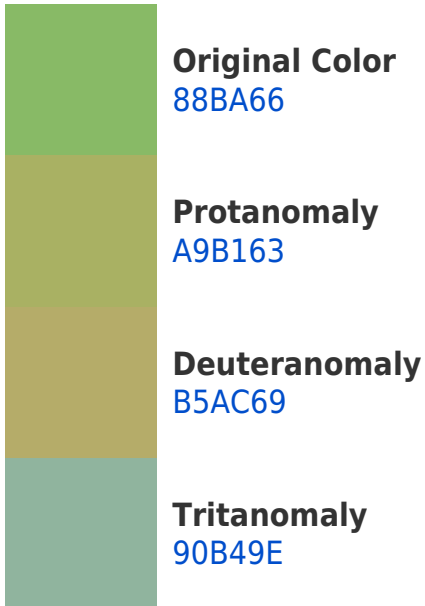
Protanopia
BCAC61

Deuteranopia
CFA46B

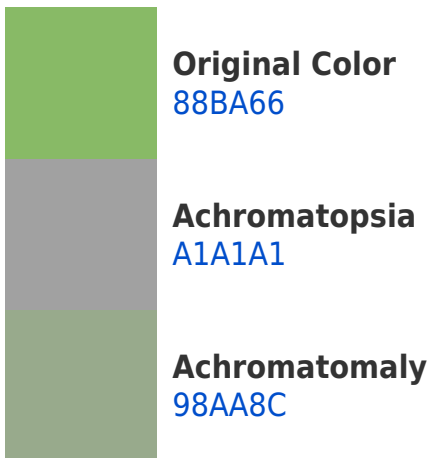


Tritanopia
95B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88BA66 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 #88BA66 looks like.

```
.text, #text, p{  
    color:#88BA66  
}
```

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 #88BA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88BA66
}
```

Border

The CSS property to change the border of an element to Hex 88BA66 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
#88BA66 }
```

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

```
.border{ border-color:#88BA66 }
```

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

Here you see how a box with a 4 pixel #88BA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88BA66; -webkit-box-shadow:4px 4px  
4px 4px #88BA66; box-shadow:4px 4px 4px  
4px #88BA66 }
```

Background

The CSS property to change the background color of an element to Hex 88BA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88BA66 }
```

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

```
.background{ background-color:#88BA66 }
```

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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