

Converting Colors

Hex(88B564)

Have a look what the booklet for
Hex(88B564) contains.

Hex(88B564)	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(88B564)

Conversions

Conversions Part 1

Format	Color
Hex	88B564
RGB	136, 181, 100
RGB Percent	53%, 71%, 39%
CMY	0.4667, 0.2902, 0.6078
CMYK	0.25, 0.00, 0.45, 0.29
HSL	93°, 35%, 55%
HSV	93°, 45%, 71%
XYZ	28.9775, 39.2021, 18.0961
YIQ	158.3110, -0.8190, -34.7310

Conversions

Conversions Part 2

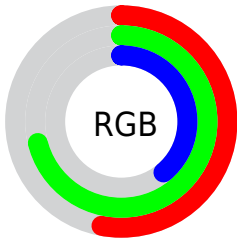
Format	Color
RYB	100, 181, 145
Decimal	8959332
CIELab	68.90, -29.42, 36.41
CIElCh	69, 46.812, 128.933
Yxy	39.2021, 0.3359, 0.4544
Android (android.graphics.Color)	4287149412 (0xFF88B564)
YUV	158.3110, -28.7473, -19.5667
Hunter-Lab	62.6116, -26.9581, 26.6920

Details

The Hex color **88B564** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9164B5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BFED98**, and **548033** is the 20% darker color. If you saturate the color by 10%, you get **7EB552**, and if you desaturate by 10%, it is **92B576**.

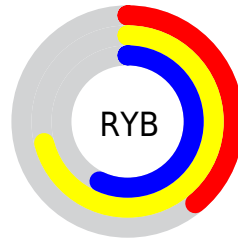
Distribution



Red (53%)

Green (71%)

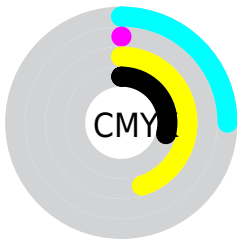
Blue (39%)



Red (39%)

Yellow (71%)

Blue (57%)

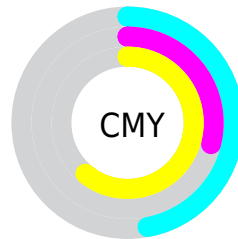


Cyan (25%)

Magenta (0%)

Yellow (45%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88B564 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 88B564 by changing the saturation by 10% instead.



88B564



88B564

FFFFFF



6E9A4B



BFED98



548033



DBFFB3



3A671A



F8FFCF



214E00



FFF FEC



063700



002300



000000



88B564



88B564



7EB552



92B576

 74B540

 9CB588

 6AB52E

 A6B59A

 60B51C

 B0B5AC

 56B509

 BAB5BF

 50B500

 C4B5D1

 CEB5E3

 D8B5F5

 E3B5FF

Harmonies

Analogous

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



B6AA52



88B564



4DBC88

Triad

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



88B564



00B5F6



F8859D

Complementary

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



88B564



9164B5

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.



E78AC8



88B564



7AA8FC

Square

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



88B564



00BCDC



BC98EA



F38D75

Rectangle

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



88B564



00BEA5



BC98EA



F585AB

Sweetspot

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



88B564



DAEBCC



B59164



6B7563



F5F5F5



757575

Same Dimension

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



88B564



A4EB6C



64B568



545950



449900



0B1A00

Inverse Universe

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



9164B5



B26CEB



B564B1



555059



550099



0E001A

Previews

White Background



This preview shows how the Hex color 88B564 looks on a white background.

Color Contrast Check

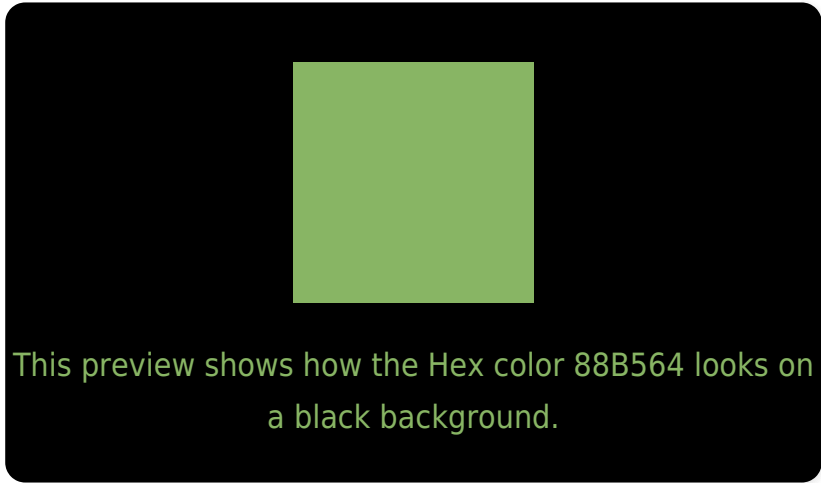
Large Text (above 18pt) WCAG AA × Fail

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 88B564 Background



This preview shows how black text looks on a background with the Hex color 88B564.

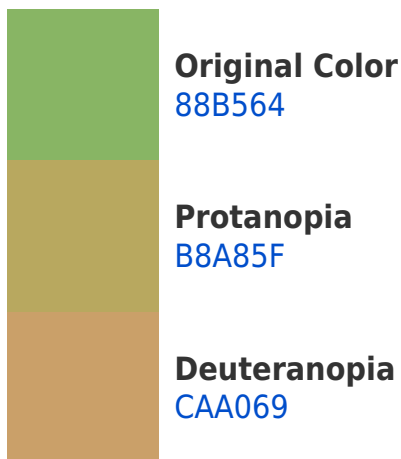


This preview shows how white text looks on a background with the Hex color 88B564.

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](#).

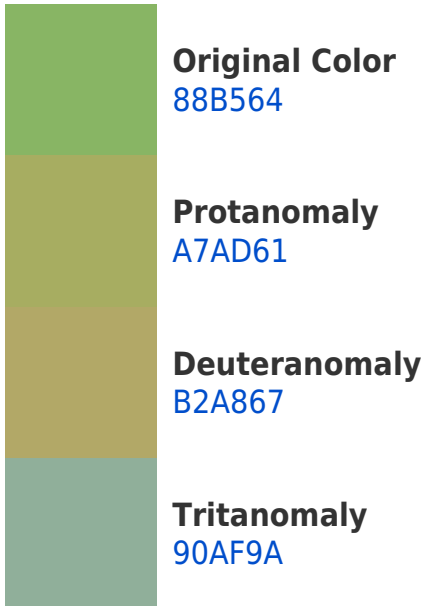
Dichromacy



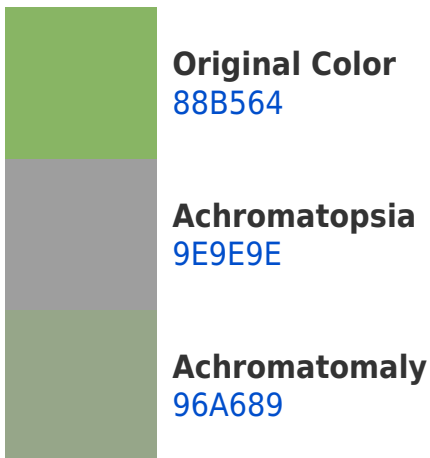


Tritanopia
95ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88B564 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 #88B564 looks like.

```
.text, #text, p{  
    color:#88B564  
}
```

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 #88B564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88B564
}
```

Border

The CSS property to change the border of an element to Hex 88B564 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
#88B564 }
```

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

```
.border{ border-color:#88B564 }
```

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

Here you see how a box with a 4 pixel #88B564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88B564; -webkit-box-shadow:4px 4px  
4px 4px #88B564; box-shadow:4px 4px 4px  
4px #88B564 }
```

Background

The CSS property to change the background color of an element to Hex 88B564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88B564 }
```

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

```
.background{ background-color:#88B564 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor