

Converting Colors

Hex(88C642)

Have a look what the booklet for
Hex(88C642) contains.

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Color

Hex(88C642)

Conversions

Conversions Part 1

Format	Color
Hex	88C642
RGB	136, 198, 66
RGB Percent	53%, 78%, 26%
CMY	0.4667, 0.2235, 0.7412
CMYK	0.31, 0.00, 0.67, 0.22
HSL	88°, 54%, 52%
HSV	88°, 67%, 78%
XYZ	31.3308, 46.0158, 12.3849
YIQ	164.4140, 5.4200, -54.1960

Conversions

Conversions Part 2

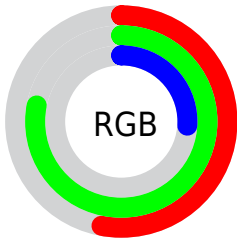
Format	Color
RYB	66, 198, 128
Decimal	8963650
CIELab	73.56, -40.62, 57.50
CIELCh	74, 70.404, 125.239
Yxy	46.0158, 0.3492, 0.5128
Android (android.graphics.Color)	4287153730 (0xFF88C642)
YUV	164.4140, -48.5181, -24.9191
Hunter-Lab	67.8349, -36.2676, 36.6596

Details

The Hex color **88C642** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8042C6**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C1FF78**, and **509000** is the 20% darker color. If you saturate the color by 10%, you get **7FC62E**, and if you desaturate by 10%, it is **91C656**.

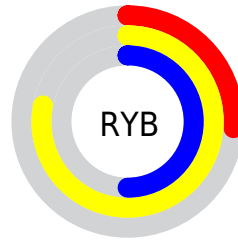
Distribution



Red (53%)

Green (78%)

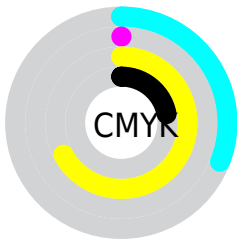
Blue (26%)



Red (26%)

Yellow (78%)

Blue (50%)

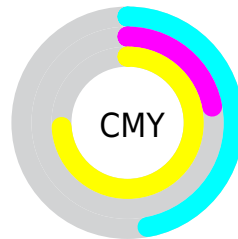


Cyan (31%)

Magenta (0%)

Yellow (67%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88C642 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 88C642 by changing the saturation by 10% instead.



88C642



88C642

FFFFFF



6CAA25



C1FF78



509000



DEFF94



347600



FCFFAF



155C00



FFFFCC



004400



FFFFE9



002E00



001500



000000



88C642



88C642

 7FC62E

 91C656

 75C61A

 9BC66A

 6CC607

 A4C67D

 69C600

 ADC691

 B7C6A5

 C0C6B9

 C9C6CD

 D2C6E0

 DCC6F4

Harmonies

Analogous

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



CBB521



88C642



00D07C

Triad

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



88C642



00CAFF



FF76AC

Complementary

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



88C642



8042C6

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.



FF83EC



88C642



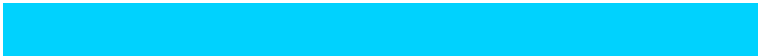
1FB8FF

Square

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



88C642



00D2FE



C59FFF



FF836E

Rectangle

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



88C642



00D3A8



C59FFF



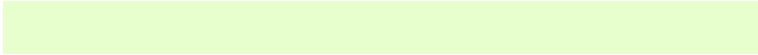
FF78C2

Sweetspot

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



88C642



E7FFCC



C68042



718061



000000



808080

Same Dimension

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



88C642



9FFF33



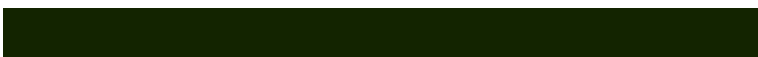
46C642



5F635A



57A300



132400

Inverse Universe

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



8042C6



9333FF



C242C6



5E5A63



4D00A3



110024

Previews

White Background



This preview shows how the Hex color 88C642 looks on a white background.

Color Contrast Check

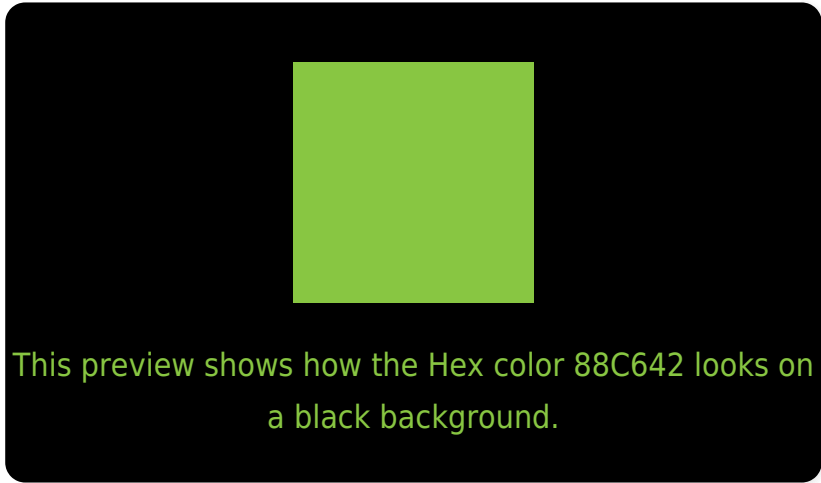
Large Text (above 18pt) WCAG AA × Fail

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 88C642 Background



This preview shows how black text looks on a background with the Hex color 88C642.

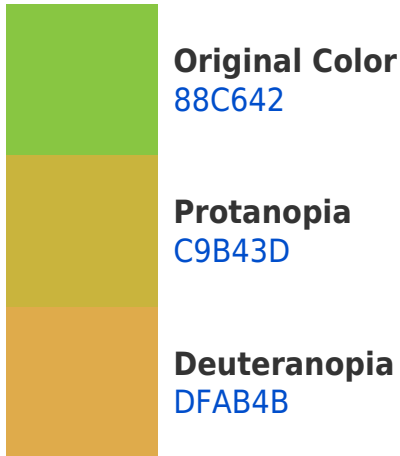


This preview shows how white text looks on a background with the Hex color 88C642.

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
9AB9C8

Trichromacy



Original Color
88C642

Protanomaly
B1BB3F

Deuteranomaly
BFB548

Tritanomaly
93BE97

Monochromacy



Original Color
88C642

Achromatopsia
A4A4A4

Achromatomaly
9AB080

CSS Examples

Text

The CSS property to change the color of the text to Hex 88C642 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 #88C642 looks like.

```
.text, #text, p{  
    color:#88C642  
}
```

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 #88C642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88C642
}
```

Border

The CSS property to change the border of an element to Hex 88C642 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
#88C642 }
```

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

```
.border{ border-color:#88C642 }
```

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

Here you see how a box with a 4 pixel #88C642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88C642; -webkit-box-shadow:4px 4px  
4px 4px #88C642; box-shadow:4px 4px 4px  
4px #88C642 }
```

Background

The CSS property to change the background color of an element to Hex 88C642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88C642 }
```

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

```
.background{ background-color:#88C642 }
```

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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