

Converting Colors

Hex(88AA2F)

Have a look what the booklet for
Hex(88AA2F) contains.

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Color

Hex(88AA2F)

Conversions

Conversions Part 1

Format	Color
Hex	88AA2F
RGB	136, 170, 47
RGB Percent	53%, 67%, 18%
CMY	0.4667, 0.3333, 0.8157
CMYK	0.20, 0.00, 0.72, 0.33
HSL	77°, 57%, 43%
HSV	77°, 72%, 67%
XYZ	25.0412, 34.1889, 7.9686
YIQ	145.8120, 19.2190, -45.4610

Conversions

Conversions Part 2

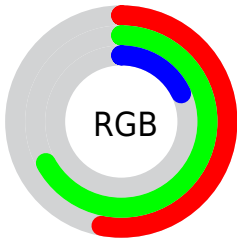
Format	Color
RYB	47, 170, 81
Decimal	8956463
CIELab	65.11, -29.09, 56.19
CIELCh	65, 63.273, 117.368
Yxy	34.1889, 0.3726, 0.5088
Android (android.graphics.Color)	4287146543 (0xFF88AA2F)
YUV	145.8120, -48.7143, -8.6051
Hunter-Lab	58.4713, -25.8796, 32.8497

Details

The Hex color **88AA2F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **512FAA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C0E165**, and **527600** is the 20% darker color. If you saturate the color by 10%, you get **83AA1E**, and if you desaturate by 10%, it is **8DAA40**.

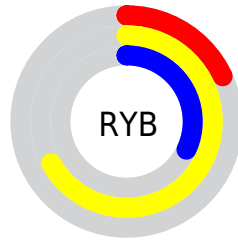
Distribution



Red (53%)

Green (67%)

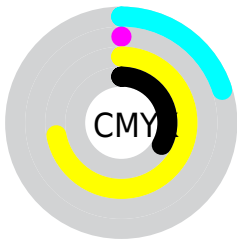
Blue (18%)



Red (18%)

Yellow (67%)

Blue (32%)

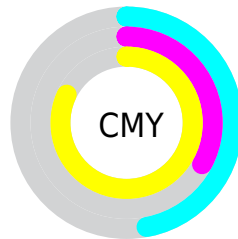


Cyan (20%)

Magenta (0%)

Yellow (72%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88AA2F 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 88AA2F by changing the saturation by 10% instead.

88AA2F

88AA2F

FFFFFF

6D8F0D

C0E165

527600

DDFE80

385D00

FBFF9B

1C4500

FFFFB7

002E00

FFFFD4

001A00

FFFFF1

000000

88AA2F

88AA2F

83AA1E

8DAA40

■ 7FAA0D

■ 91AA51

■ 7BAA00

■ 96AA62

■ 9BAA73

■ 9FAA84

■ A4AA95

■ A9AAA6

■ AEAB7

■ B2AAC8

Harmonies

Analogous

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



BF9A1F



88AA2F



35B45E

Triad

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



88AA2F



00B3FD



FF68A5

Complementary

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



88AA2F



512FAA

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.



DE78DC



88AA2F



00A6FF

Square

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



88AA2F



00B9D1



9591FF



FF6E6D

Rectangle

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



88AA2F



00B883



9591FF



F96CB8

Sweetspot

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



88AA2F



D0DEAD



AA502F



687053



F0F0F0



707070

Same Dimension

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



88AA2F



A8DE1D



4CAA2F



52544C



6B9400



0F1400

Inverse Universe

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



512FAA



521DDE



8D2FAA



4E4C54



290094



060014

Previews

White Background



This preview shows how the Hex color 88AA2F looks on a white background.

Color Contrast Check

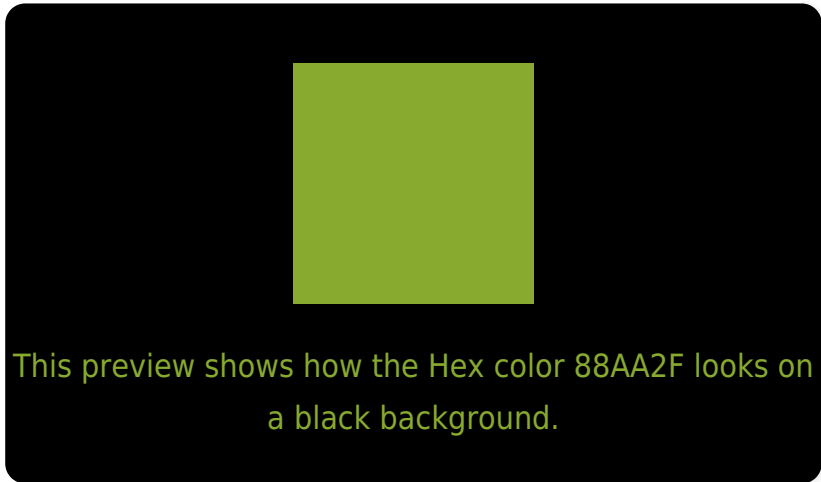
Large Text (above 18pt) WCAG AA × Fail

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 88AA2F Background



This preview shows how black text looks on a background with the Hex color 88AA2F.



This preview shows how white text looks on a background with the Hex color 88AA2F.

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

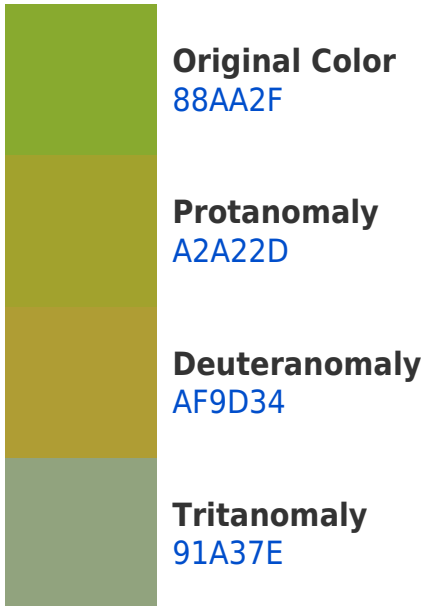


Original Color
88AA2F

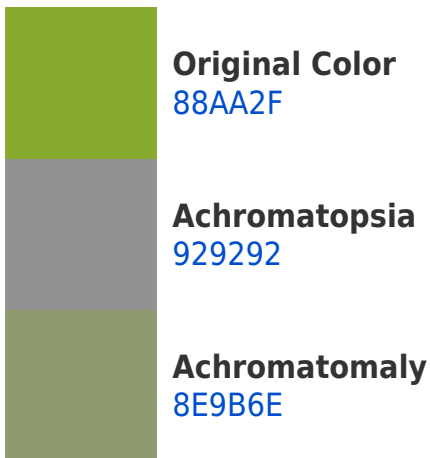
Protanopia
B19E2C

Deuteranopia
C59637

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88AA2F 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 #88AA2F looks like.

```
.text, #text, p{  
    color:#88AA2F  
}
```

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 #88AA2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AA2F
}
```

Border

The CSS property to change the border of an element to Hex 88AA2F 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
#88AA2F }
```

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

```
.border{ border-color:#88AA2F }
```

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

Here you see how a box with a 4 pixel #88AA2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AA2F; -webkit-box-shadow:4px 4px  
4px 4px #88AA2F; box-shadow:4px 4px 4px  
4px #88AA2F }
```

Background

The CSS property to change the background color of an element to Hex 88AA2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AA2F }
```

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

```
.background{ background-color:#88AA2F }
```

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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