

Converting Colors

Hex(88A944)

Have a look what the booklet for
Hex(88A944) contains.

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Color

Hex(88A944)

Conversions

Conversions Part 1

Format	Color
Hex	88A944
RGB	136, 169, 68
RGB Percent	53%, 66%, 27%
CMY	0.4667, 0.3373, 0.7333
CMYK	0.20, 0.00, 0.60, 0.34
HSL	80°, 43%, 46%
HSV	80°, 60%, 66%
XYZ	25.3847, 34.0275, 10.6989
YIQ	147.6190, 12.7530, -38.4070

Conversions

Conversions Part 2

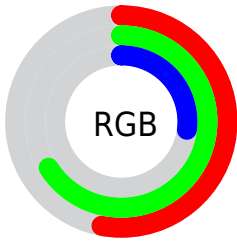
Format	Color
RYB	68, 169, 101
Decimal	8956228
CIELab	64.98, -27.08, 47.34
CIELCh	65, 54.535, 119.769
Yxy	34.0275, 0.3621, 0.4853
Android (android.graphics.Color)	4287146308 (0xFF88A944)
YUV	147.6190, -39.2522, -10.1899
Hunter-Lab	58.3331, -24.4055, 29.9588

Details

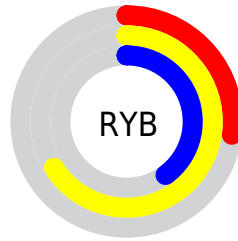
The Hex color **88A944** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6544A9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BFE078**, and **53750C** is the 20% darker color. If you saturate the color by 10%, you get **82A933**, and if you desaturate by 10%, it is **8EA955**.

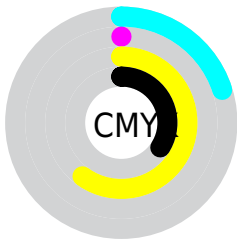
Distribution



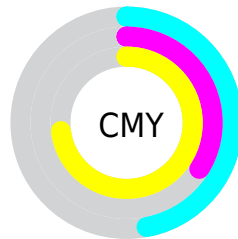
- Red (53%)
- Green (66%)
- Blue (27%)



- Red (27%)
- Yellow (66%)
- Blue (40%)



- Cyan (20%)
- Magenta (0%)
- Yellow (60%)
- Black (34%)



- Cyan (47%)
- Magenta (34%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88A944 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 88A944 by changing the saturation by 10% instead.



88A944



88A944

FFFFFF



6D8E2A



BFE078



53750C



DCFD93



395C00



F9FFAE



204400



FFFFCA



012E00



FFFFE7



001A00



000000



88A944



88A944



82A933



8EA955

 7DA922

 93A966

 77A911

 99A977

 72A900

 9EA988

 A4A998

 A9A9A9

 AFA9BA

 B4A9CB

 BAA9DC

Harmonies

Analogous

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



B99B36



88A944



45B26A

Triad

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



88A944



00AFF1



F572A0

Complementary

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



88A944



6544A9

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.



D97DD0



88A944



2DA3FF

Square

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



88A944



00B5CD



9F91F3



F57870

Rectangle

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



88A944



00B58B



9F91F3



EF74B1

Sweetspot

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



88A944



CEDEBB4



A96444



666E56



EDEDED



6E6E6E

Same Dimension

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



88A944



A8DB3D



57A944



51544C



649400



0E1400

Inverse Universe

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



6544A9



713DDB



9644A9



4E4C54



300094



070014

Previews

White Background



This preview shows how the Hex color 88A944 looks on a white background.

Color Contrast Check

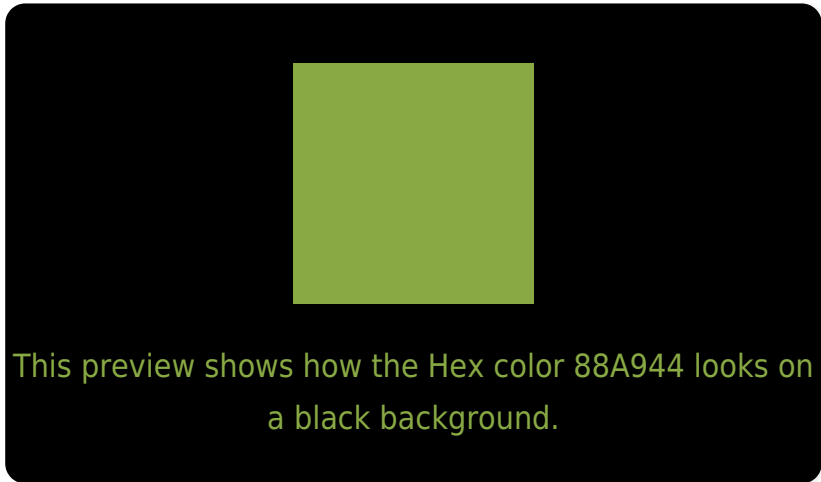
Large Text (above 18pt) WCAG AA × Fail

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 88A944 Background



This preview shows how black text looks on a background with the Hex color 88A944.



This preview shows how white text looks on a background with the Hex color 88A944.

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
88A944

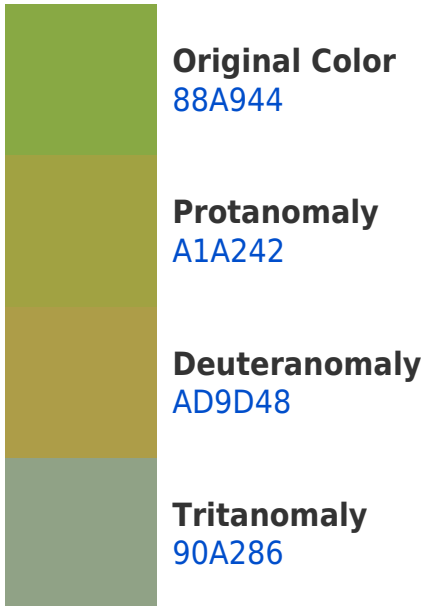
Protanopia
AF9E41

Deuteranopia
C2964A

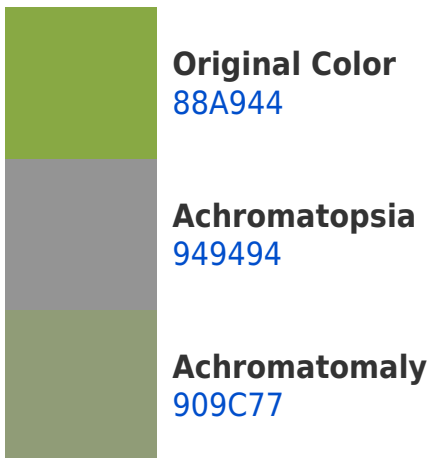


Tritanopia
959EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88A944 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 #88A944 looks like.

```
.text, #text, p{  
    color:#88A944  
}
```

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 #88A944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88A944
}
```

Border

The CSS property to change the border of an element to Hex 88A944 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
#88A944 }
```

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

```
.border{ border-color:#88A944 }
```

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

Here you see how a box with a 4 pixel #88A944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88A944; -webkit-box-shadow:4px 4px  
4px 4px #88A944; box-shadow:4px 4px 4px  
4px #88A944 }
```

Background

The CSS property to change the background color of an element to Hex 88A944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88A944 }
```

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

```
.background{ background-color:#88A944 }
```

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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