

Converting Colors

Hex(84B944)

Have a look what the booklet for
Hex(84B944) contains.

Hex(84B944)	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(84B944)

Conversions

Conversions Part 1

Format	Color
Hex	84B944
RGB	132, 185, 68
RGB Percent	52%, 73%, 27%
CMY	0.4824, 0.2745, 0.7333
CMYK	0.29, 0.00, 0.63, 0.27
HSL	87°, 46%, 50%
HSV	87°, 63%, 73%
XYZ	27.9081, 40.0208, 11.7227
YIQ	155.8150, 5.9690, -47.6230

Conversions

Conversions Part 2

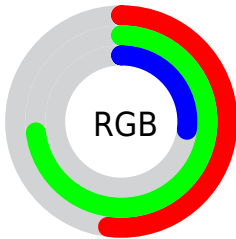
Format	Color
RYB	68, 185, 121
Decimal	8698180
CIELab	69.48, -36.14, 52.24
CIELCh	69, 63.523, 124.674
Yxy	40.0208, 0.3504, 0.5024
Android (android.graphics.Color)	4286888260 (0xFF84B944)
YUV	155.8150, -43.2928, -20.8858
Hunter-Lab	63.2620, -31.9631, 33.2967

Details

The Hex color **84B944** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7944B9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BCF179**, and **4E8406** is the 20% darker color. If you saturate the color by 10%, you get **7CB932**, and if you desaturate by 10%, it is **8CB956**.

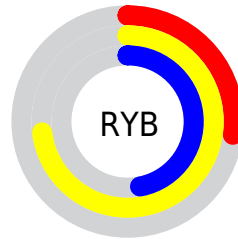
Distribution



Red (52%)

Green (73%)

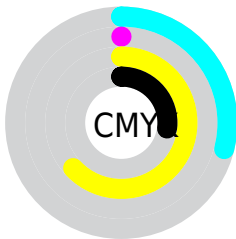
Blue (27%)



Red (27%)

Yellow (73%)

Blue (47%)

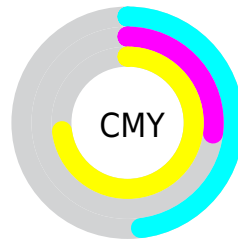


Cyan (29%)

Magenta (0%)

Yellow (63%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B944 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 84B944 by changing the saturation by 10% instead.



84B944



84B944

FFFFFF



699E29



BCF179



4E8406



D9FF94



326A00



F6FFB0



165100



FFFFCC



003A00



FFFFEE



002500



000000



84B944



84B944



7CB932



8CB956

 73B91F

 95B969

 6BB90C

 9DB97C

 65B900

 A6B98E

 AEB9A1

 B6B9B3

 BFB9C5

 C7B9D8

 CFB9EB

Harmonies

Analogous

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



C0AA2B



84B944



17C276

Triad

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



84B944



00BDFE



FF74A3

Complementary

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



84B944



7944B9

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.



F77FDC



84B944



35ADFF

Square

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



84B944



00C4EA



B897FF



FF7E6B

Rectangle

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



84B944



00C59D



B897FF



FF75B6

Sweetspot

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



84B944



DBF0C2



B97944



6B785C



F7F7F7



787878

Same Dimension

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



84B944



9DF03A



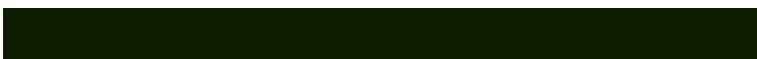
4AB944



585C53



559C00



0F1C00

Inverse Universe

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



7944B9



8C3AF0



B344B9



57535C



46009C



0D001C

Previews

White Background



This preview shows how the Hex color 84B944 looks on a white background.

Color Contrast Check

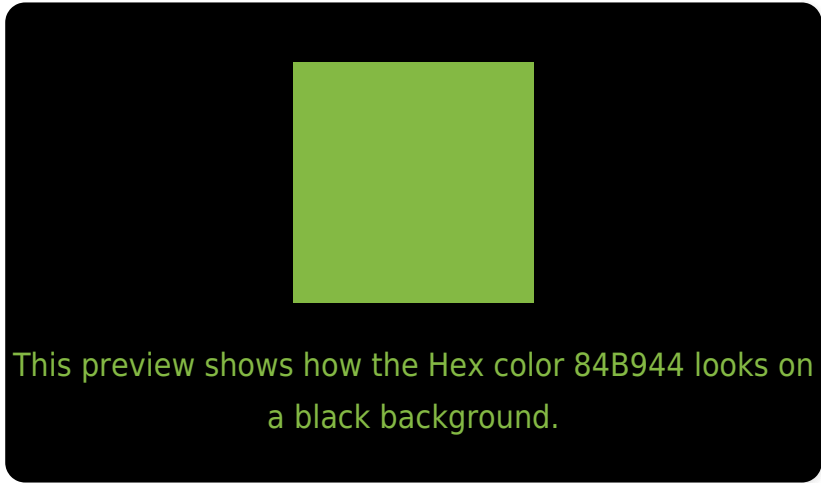
Large Text (above 18pt) WCAG AA × Fail

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 84B944 Background



This preview shows how black text looks on a background with the Hex color 84B944.



This preview shows how white text looks on a background with the Hex color 84B944.

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
84B944

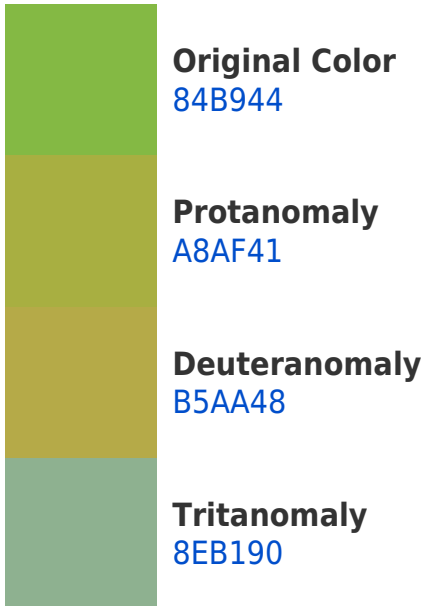
Protanopia
BDA940

Deuteranopia
D1A14B



Tritanopia
94ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B944 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 #84B944 looks like.

```
.text, #text, p{  
    color:#84B944  
}
```

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 #84B944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B944
}
```

Border

The CSS property to change the border of an element to Hex 84B944 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
#84B944 }
```

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

```
.border{ border-color:#84B944 }
```

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

Here you see how a box with a 4 pixel #84B944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B944; -webkit-box-shadow:4px 4px  
4px 4px #84B944; box-shadow:4px 4px 4px  
4px #84B944 }
```

Background

The CSS property to change the background color of an element to Hex 84B944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B944 }
```

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

```
.background{ background-color:#84B944 }
```

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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