

Converting Colors

Hex(94BA44)

Have a look what the booklet for
Hex(94BA44) contains.

Hex(94BA44)	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(94BA44)

Conversions

Conversions Part 1

Format	Color
Hex	94BA44
RGB	148, 186, 68
RGB Percent	58%, 73%, 27%
CMY	0.4196, 0.2706, 0.7333
CMYK	0.20, 0.00, 0.63, 0.27
HSL	79°, 46%, 50%
HSV	79°, 63%, 73%
XYZ	30.8150, 41.8311, 11.9189
YIQ	161.1860, 15.2300, -44.7540

Conversions

Conversions Part 2

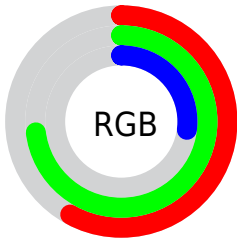
Format	Color
RYB	68, 186, 106
Decimal	9747012
CIELab	70.75, -30.45, 53.90
CIELCh	71, 61.911, 119.464
Yxy	41.8311, 0.3644, 0.4947
Android (android.graphics.Color)	4287937092 (0xFF94BA44)
YUV	161.1860, -45.9407, -11.5641
Hunter-Lab	64.6769, -28.1391, 34.3477

Details

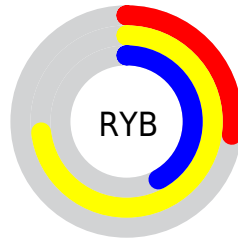
The Hex color **94BA44** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6A44BA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CDF279**, and **5E8504** is the 20% darker color. If you saturate the color by 10%, you get **8EBA31**, and if you desaturate by 10%, it is **9ABA57**.

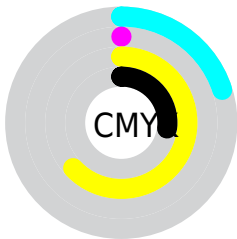
Distribution



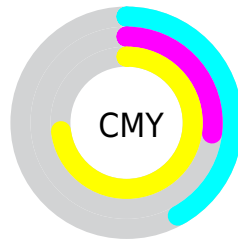
- Red (58%)
- Green (73%)
- Blue (27%)



- Red (27%)
- Yellow (73%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94BA44 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 94BA44 by changing the saturation by 10% instead.



94BA44



94BA44

FFFFFF



799F29



CDF279



5E8504



EAFF94



436B00



FFFFB0



2A5300



FFFCC



093B00



FFFEE9



002600



000500



000000



94BA44



94BA44

■ 8EBA31

■ 9ABA57

■ 88BA1F

■ A0BA69

■ 82BA0C

■ A6BA7C

■ 7EBA00

■ ACBA8E

■ B2BAA1

■ B8BAB4

■ BEBAC6

■ C4BAD9

■ CABAEB

Harmonies

Analogous

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



CCAA34



94BA44



44C471

Triad

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



94BA44



00C1FF



FF7AB0

Complementary

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



94BA44



6A44BA

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.



F187E7



94BA44



00B4FF

Square

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



94BA44



00C8E3



AC9FFF



FF8079

Rectangle

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



94BA44



00C797



AC9FFF



FF7CC3

Sweetspot

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



94BA44



E3F2C4



BA6944



717A5E



FAFAFA



7A7A7A

Same Dimension

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



94BA44



B7F23A



5ABA44



595C53



699C00



131C00

Inverse Universe

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



6A44BA



753AF2



A444BA



56535C



32009C



09001C

Previews

White Background



This preview shows how the Hex color 94BA44 looks on a white background.

Color Contrast Check

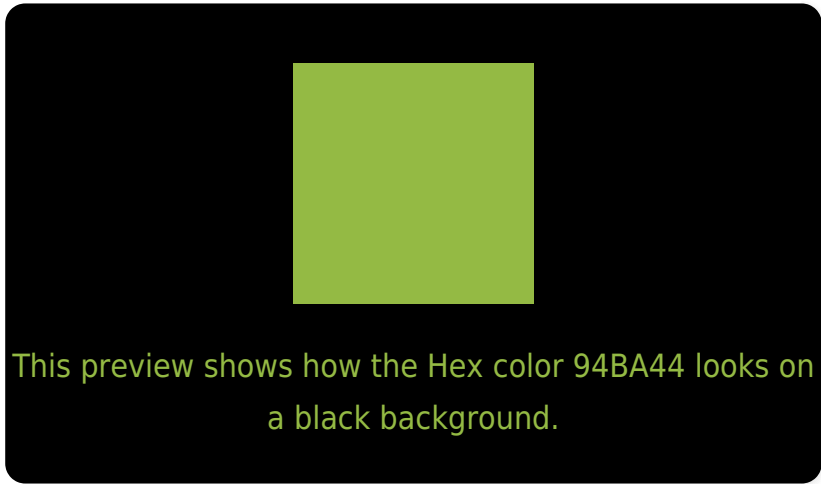
Large Text (above 18pt) WCAG AA × Fail

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 94BA44 Background



This preview shows how black text looks on a background with the Hex color 94BA44.

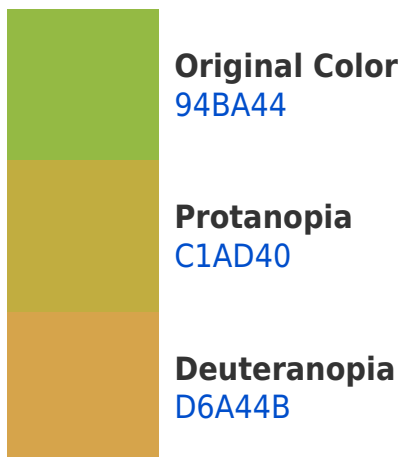


This preview shows how white text looks on a background with the Hex color 94BA44.

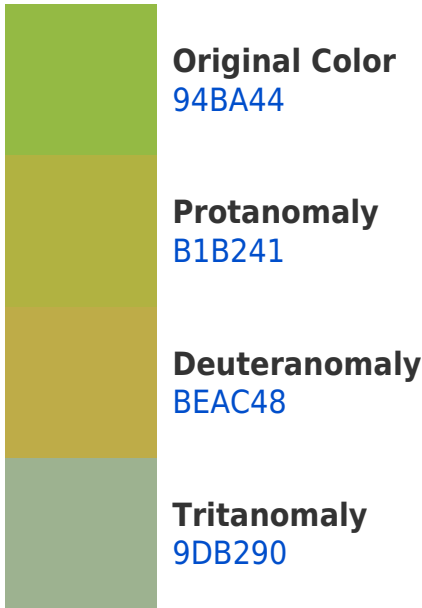
Color Blindness Simulation

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](#).

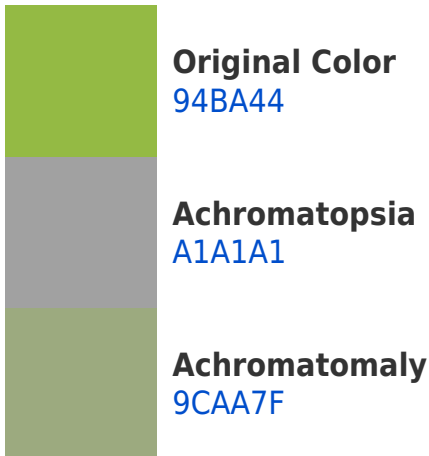
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94BA44 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 #94BA44 looks like.

```
.text, #text, p{  
    color:#94BA44  
}
```

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 #94BA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94BA44  
}
```

Border

The CSS property to change the border of an element to Hex 94BA44 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  
#94BA44 }
```

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

```
.border{ border-color:#94BA44 }
```

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

Here you see how a box with a 4 pixel #94BA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94BA44; -webkit-box-shadow:4px 4px  
4px 4px #94BA44; box-shadow:4px 4px 4px  
4px #94BA44 }
```

Background

The CSS property to change the background color of an element to Hex 94BA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94BA44 }
```

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

```
.background{ background-color:#94BA44 }
```

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