

Converting Colors

Hex(94AE4B)

Have a look what the booklet for
Hex(94AE4B) contains.

Hex(94AE4B)	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(94AE4B)

Conversions

Conversions Part 1

Format	Color
Hex	94AE4B
RGB	148, 174, 75
RGB Percent	58%, 68%, 29%
CMY	0.4196, 0.3176, 0.7059
CMYK	0.15, 0.00, 0.57, 0.32
HSL	76°, 40%, 49%
HSV	76°, 57%, 68%
XYZ	28.6188, 37.0760, 12.3046
YIQ	154.9400, 16.2830, -36.3010

Conversions

Conversions Part 2

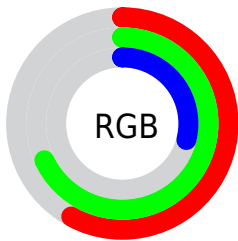
Format	Color
RYB	75, 174, 101
Decimal	9743947
CIELab	67.33, -24.07, 46.99
CIELCh	67, 52.793, 117.128
Yxy	37.0760, 0.3669, 0.4753
Android (android.graphics.Color)	4287934027 (0xFF94AE4B)
YUV	154.9400, -39.4104, -6.0864
Hunter-Lab	60.8901, -22.6613, 30.6418

Details

The Hex color **94AE4B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **654BAE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CCE67F**, and **5F7A16** is the 20% darker color. If you saturate the color by 10%, you get **8FAE3A**, and if you desaturate by 10%, it is **99AE5C**.

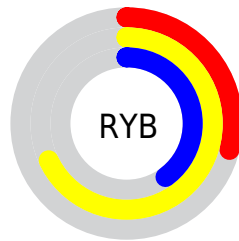
Distribution



Red (58%)

Green (68%)

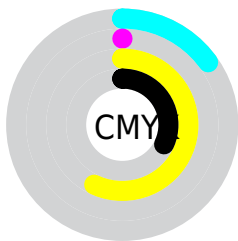
Blue (29%)



Red (29%)

Yellow (68%)

Blue (40%)

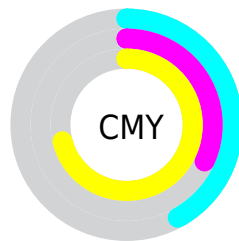


Cyan (15%)

Magenta (0%)

Yellow (57%)

Black (32%)



Cyan (42%)

Magenta (32%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94AE4B 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 94AE4B by changing the saturation by 10% instead.



94AE4B



94AE4B

FFFFFF



799331



CCE67F



5F7A16



E9FF9A



456100



FFFFB5



2D4900



FFFFDD



113200



FFFEE



001F00



000000



94AE4B



94AE4B



8FAE3A



99AE5C

 8BAE28

 9DAE6E

 86AE17

 A2AE7F

 82AE05

 A6AE91

 80AE00

 ABAEA2

 AFAEB3

 B4AEC5

 B9AED6

 BDAEE8

Harmonies

Analogous

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



C3A041



94AE4B



57B76E

Triad

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



94AE4B



00B6F3



F87BAB

Complementary

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



94AE4B



654BAE

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.



DA86D8



94AE4B



33AAFF

Square

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



94AE4B



00BBCE



9F99F9



FB7F7B

Rectangle

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



94AE4B



00BA8D



9F99F9



F17DBB

Sweetspot

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



94AE4B



D9E3BC



AE644B



6D735C



F2F2F2



737373

Same Dimension

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



94AE4B



BAE349



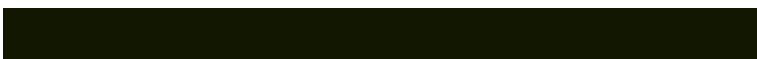
64AE4B



54574E



6F9600



111700

Inverse Universe

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



654BAE



7149E3



954BAE



504E57



280096



060017

Previews

White Background



This preview shows how the Hex color 94AE4B looks on a white background.

Color Contrast Check

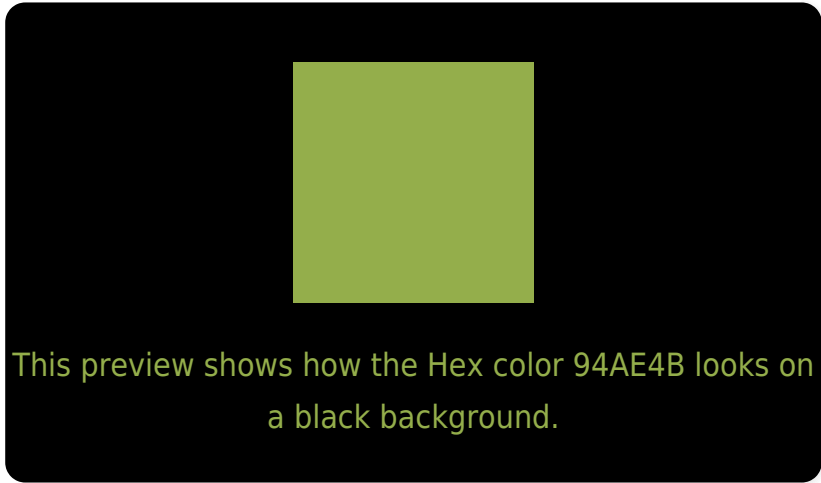
Large Text (above 18pt) WCAG AA × Fail

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 94AE4B Background



This preview shows how black text looks on a background with the Hex color 94AE4B.



This preview shows how white text looks on a background with the Hex color 94AE4B.

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
94AE4B

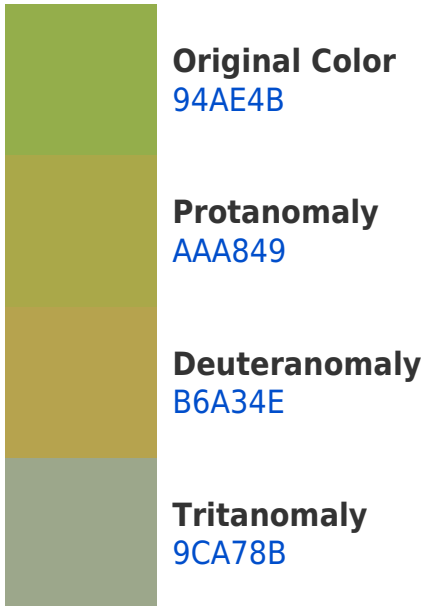
Protanopia
B6A448

Deuteranopia
CA9C50

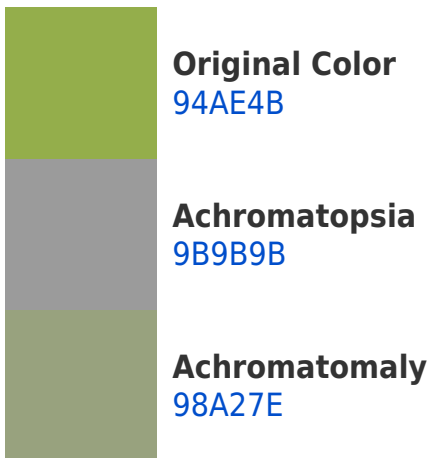


Tritanopia
A0A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94AE4B 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 #94AE4B looks like.

```
.text, #text, p{  
    color:#94AE4B  
}
```

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 #94AE4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94AE4B
}
```

Border

The CSS property to change the border of an element to Hex 94AE4B 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
#94AE4B }
```

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

```
.border{ border-color:#94AE4B }
```

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

Here you see how a box with a 4 pixel #94AE4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94AE4B; -webkit-box-shadow:4px 4px  
4px 4px #94AE4B; box-shadow:4px 4px 4px  
4px #94AE4B }
```

Background

The CSS property to change the background color of an element to Hex 94AE4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94AE4B }
```

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

```
.background{ background-color:#94AE4B }
```

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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