

Converting Colors

Hex(94B86B)

Have a look what the booklet for
Hex(94B86B) contains.

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Color

Hex(94B86B)

Conversions

Conversions Part 1

Format	Color
Hex	94B86B
RGB	148, 184, 107
RGB Percent	58%, 72%, 42%
CMY	0.4196, 0.2784, 0.5804
CMYK	0.20, 0.00, 0.42, 0.28
HSL	88°, 35%, 57%
HSV	88°, 42%, 72%
XYZ	32.0071, 41.6384, 20.2600
YIQ	164.4580, 3.2610, -31.5790

Conversions

Conversions Part 2

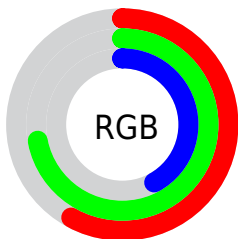
Format	Color
RYB	107, 184, 143
Decimal	9746539
CIELab	70.62, -25.50, 35.17
CIElCh	71, 43.442, 125.952
Yxy	41.6384, 0.3408, 0.4434
Android (android.graphics.Color)	4287936619 (0xFF94B86B)
YUV	164.4580, -28.3268, -14.4337
Hunter-Lab	64.5278, -24.3842, 26.5540

Details

The Hex color **94B86B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8F6BB8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CBF09F**, and **60833A** is the 20% darker color. If you saturate the color by 10%, you get **8BB859**, and if you desaturate by 10%, it is **9DB87D**.

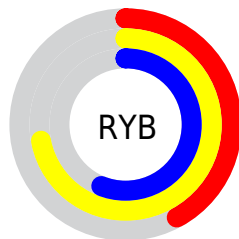
Distribution



Red (58%)

Green (72%)

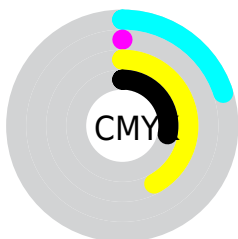
Blue (42%)



Red (42%)

Yellow (72%)

Blue (56%)

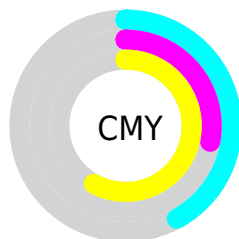


Cyan (20%)

Magenta (0%)

Yellow (42%)

Black (28%)



Cyan (42%)

Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94B86B 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 94B86B by changing the saturation by 10% instead.



94B86B



94B86B

FFFFFF



799D52



CBF09F



60833A



E8FFBB



466922



FFFFD7



2E5108



FFFFF3



173A00



002400



000400



000000



94B86B



94B86B

8BB859

9DB87D

83B846

A5B890

7AB834

AEB8A2

72B821

B6B8B5

69B80F

BFB8C7

62B800

C8B8D9

D0B8EC

D9B8FE

E1B8FF

Harmonies

Analogous

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



BEAD5D



94B86B



61BF8B

Triad

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



94B86B



1AB9F4



F88DA6

Complementary

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



94B86B



8F6BB8

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.



E592CE



94B86B



7DAEFB

Square

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



94B86B



00C0DA



BB9FED



F59280

Rectangle

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



94B86B



33C1A6



BB9FED



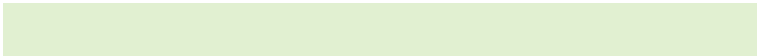
F48DB4

Sweetspot

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



94B86B



E1F0D1



B88F6B



6F7865



F7F7F7



787878

Same Dimension

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



94B86B



B8F078



6EB86B



585C53



539C00



0F1C00

Inverse Universe

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



8F6BB8



B078F0



B56BB8



57535C



49009C



0D001C

Previews

White Background



This preview shows how the Hex color 94B86B looks on a white background.

Color Contrast Check

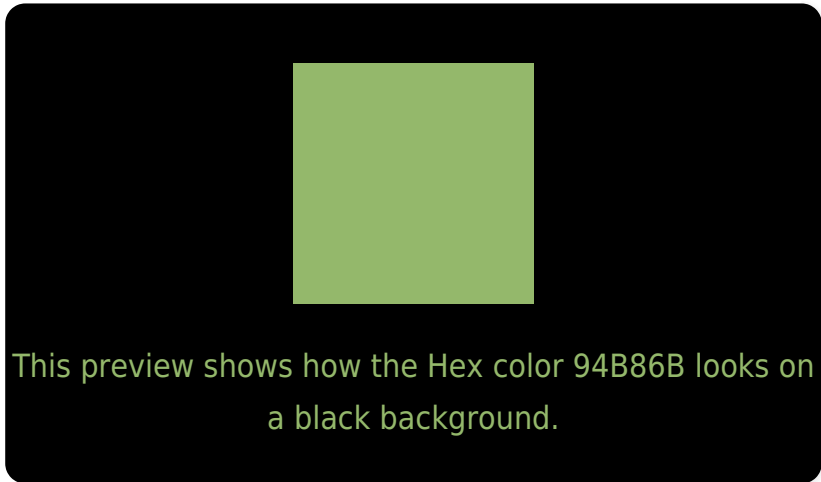
Large Text (above 18pt) WCAG AA × Fail

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 94B86B Background



This preview shows how black text looks on a background with the Hex color 94B86B.

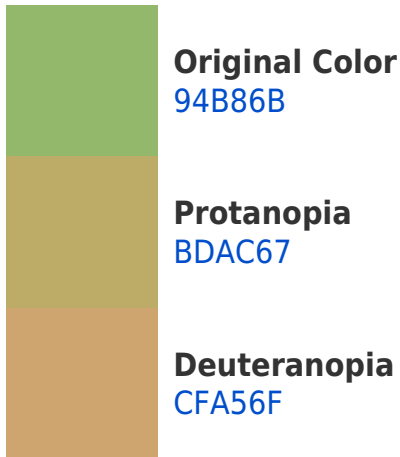


This preview shows how white text looks on a background with the Hex color 94B86B.

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](#).

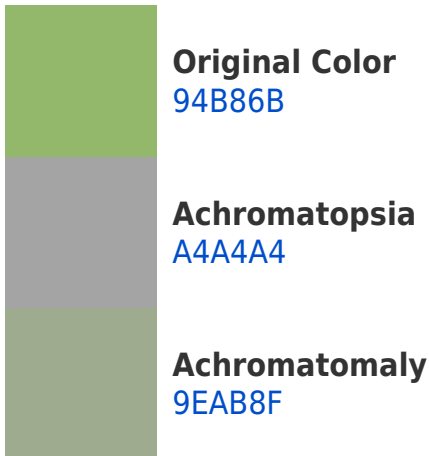
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94B86B 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 #94B86B looks like.

```
.text, #text, p{  
    color:#94B86B  
}
```

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 #94B86B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B86B
}
```

Border

The CSS property to change the border of an element to Hex 94B86B 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
#94B86B }
```

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

```
.border{ border-color:#94B86B }
```

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

Here you see how a box with a 4 pixel #94B86B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B86B; -webkit-box-shadow:4px 4px  
4px 4px #94B86B; box-shadow:4px 4px 4px  
4px #94B86B }
```

Background

The CSS property to change the background color of an element to Hex 94B86B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B86B }
```

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

```
.background{ background-color:#94B86B }
```

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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