

Converting Colors

Hex(94B45E)

Have a look what the booklet for
Hex(94B45E) contains.

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Color

Hex(94B45E)

Conversions

Conversions Part 1

Format	Color
Hex	94B45E
RGB	148, 180, 94
RGB Percent	58%, 71%, 37%
CMY	0.4196, 0.2941, 0.6314
CMYK	0.18, 0.00, 0.48, 0.29
HSL	82°, 36%, 54%
HSV	82°, 48%, 71%
XYZ	30.5544, 39.7466, 16.6511
YIQ	160.6280, 8.5340, -33.5300

Conversions

Conversions Part 2

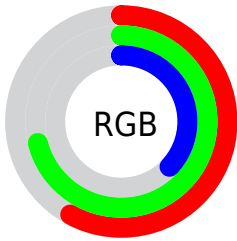
Format	Color
RYB	94, 180, 126
Decimal	9745502
CIELab	69.29, -25.11, 40.10
CIELCh	69, 47.309, 122.053
Yxy	39.7466, 0.3514, 0.4571
Android (android.graphics.Color)	4287935582 (0xFF94B45E)
YUV	160.6280, -32.8476, -11.0748
Hunter-Lab	63.0449, -23.8194, 28.4720

Details

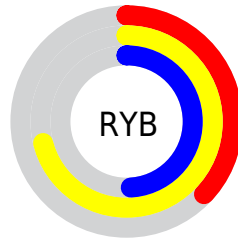
The Hex color **94B45E** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7E5EB4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CBEC92**, and **5F7F2C** is the 20% darker color. If you saturate the color by 10%, you get **8DB44C**, and if you desaturate by 10%, it is **9BB470**.

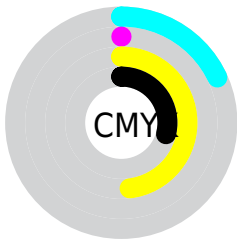
Distribution



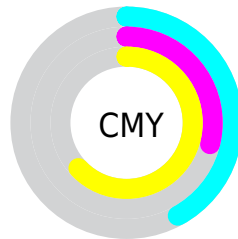
- Red (58%)
- Green (71%)
- Blue (37%)



- Red (37%)
- Yellow (71%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (48%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94B45E 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 94B45E by changing the saturation by 10% instead.



94B45E



94B45E

FFFFFF



799945



CBEC92



5F7F2C



E8FFAD



466612



FFFFC9



2D4E00



FFFFE5



143700



002200



000000



94B45E



94B45E



8DB44C



9BB470

 87B43A

 A1B482

 80B428

 A8B494

 79B416

 AFB4A6

 73B404

 B5B4B8

 71B400

 BCB4CA

 C3B4DC

 CAB4EE

 D0B4FF

Harmonies

Analogous

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



C0A851



94B45E



5DBC7F

Triad

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



94B45E



00B8F4



F886A8

Complementary

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



94B45E



7E5EB4

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.



E18DD2



94B45E



66ADFF

Square

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



94B45E



00BED5



B09DF2



F88B7E

Rectangle

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



94B45E



1FBF9C



B09DF2



F387B6

Sweetspot

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



94B45E



DEEBCA



B47E5E



6E7561



F5F5F5



757575

Same Dimension

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



94B45E



B9EB65



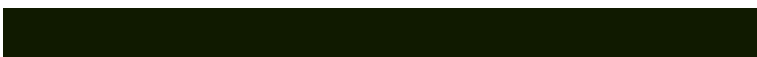
69B45E



565950



609900



101A00

Inverse Universe

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



7E5EB4



9765EB



A95EB4



545059



390099



09001A

Previews

White Background



This preview shows how the Hex color 94B45E looks on a white background.

Color Contrast Check

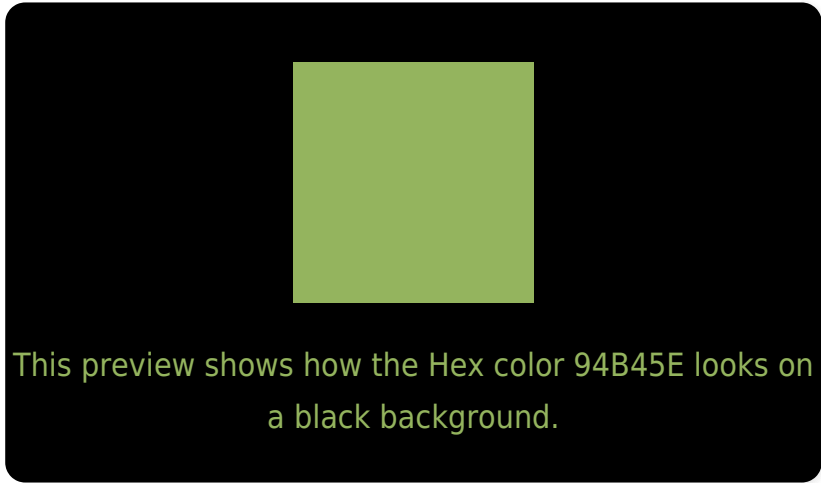
Large Text (above 18pt) WCAG AA × Fail

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 94B45E Background



This preview shows how black text looks on a background with the Hex color 94B45E.



This preview shows how white text looks on a background with the Hex color 94B45E.

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
94B45E

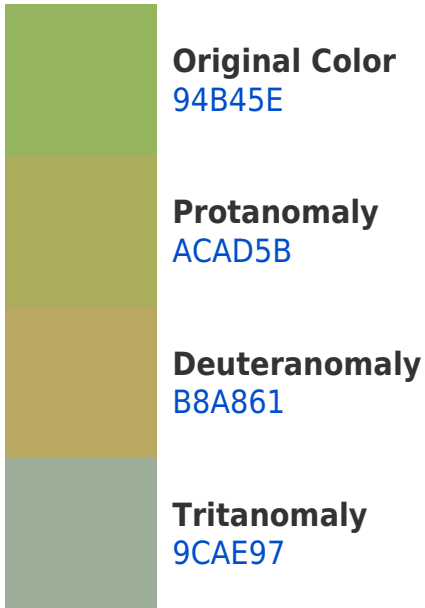
Protanopia
BAA95A

Deuteranopia
CDA163

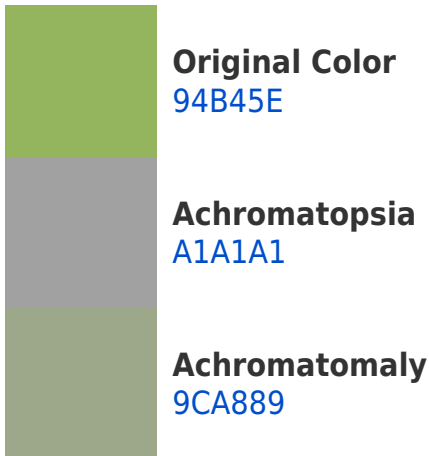


Tritanopia
A0AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94B45E 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 #94B45E looks like.

```
.text, #text, p{  
    color:#94B45E  
}
```

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 #94B45E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B45E
}
```

Border

The CSS property to change the border of an element to Hex 94B45E 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
#94B45E }
```

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

```
.border{ border-color:#94B45E }
```

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

Here you see how a box with a 4 pixel #94B45E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B45E; -webkit-box-shadow:4px 4px  
4px 4px #94B45E; box-shadow:4px 4px 4px  
4px #94B45E }
```

Background

The CSS property to change the background color of an element to Hex 94B45E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B45E }
```

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

```
.background{ background-color:#94B45E }
```

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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