

Converting Colors

Hex(96A55B)

Have a look what the booklet for
Hex(96A55B) contains.

Hex(96A55B)	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(96A55B)

Conversions

Conversions Part 1

Format	Color
Hex	96A55B
RGB	150, 165, 91
RGB Percent	59%, 65%, 36%
CMY	0.4118, 0.3529, 0.6431
CMYK	0.09, 0.00, 0.45, 0.35
HSL	72°, 29%, 50%
HSV	72°, 45%, 65%
XYZ	27.9211, 34.1496, 15.0175
YIQ	152.0790, 14.8140, -26.1940

Conversions

Conversions Part 2

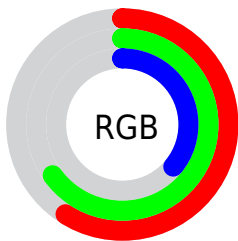
Format	Color
RYB	91, 165, 106
Decimal	9872731
CIELab	65.08, -17.11, 36.46
CIElCh	65, 40.275, 115.136
Yxy	34.1496, 0.3622, 0.4430
Android (android.graphics.Color)	4288062811 (0xFF96A55B)
YUV	152.0790, -30.1119, -1.8233
Hunter-Lab	58.4377, -16.9798, 25.6699




Details

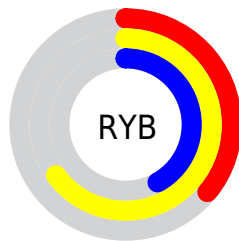
The Hex color **96A55B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A5BA5**, and the grayscale version is **989898**.




A 20% lighter version of the original color is **CDDC8F**, and **62712A** is the 20% darker color. If you saturate the color by 10%, you get **93A54A**, and if you desaturate by 10%, it is **99A56B**.

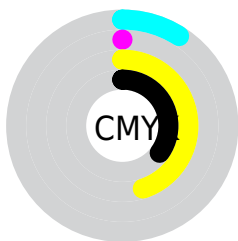
Distribution







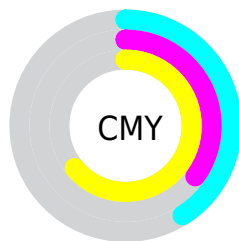
-  Red (59%)
-  Green (65%)
-  Blue (36%)






-  Red (36%)
-  Yellow (65%)
-  Blue (42%)



-  Cyan (9%)
-  Magenta (0%)
-  Yellow (45%)
-  Black (35%)



-  Cyan (41%)
-  Magenta (35%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A55B 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 96A55B by changing the saturation by 10% instead.



96A55B



96A55B

FFFFFF



7B8B42



CDDC8F



62712A



EAF9A9



495912



FFFFC5



314100



FFFFE1



192B00

FFFFFFE



001800



000000



96A55B



96A55B



93A54A



99A56B

8FA53A

9DA57C

8CA52A

A0A58C

89A519

A3A59D

85A508

A7A5AD

84A500

AAA5BE

ADA5CE

B1A5DF

B4A5EF

Harmonies

Analogous

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



BA9A55



96A55B



6BAD73

Triad

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



96A55B



00ACD8



DE82A5

Complementary

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



96A55B



6A5BA5

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.



C58AC8



96A55B



5AA3E5

Square

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



96A55B



00B0BB



9997DF



E38381

Rectangle

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



96A55B



49B08A



9997DF



D883B1

Sweetspot

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



96A55B



D1D6BA



A56A5B



686B5A



EBEBEB



6B6B6B

Same Dimension

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



96A55B



BFD663



71A55B



505249



749100



0E1200

Inverse Universe

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



6A5BA5



7A63D6



8F5BA5



4B4952



1D0091



040012

Previews

White Background



This preview shows how the Hex color 96A55B looks on a white background.

Color Contrast Check

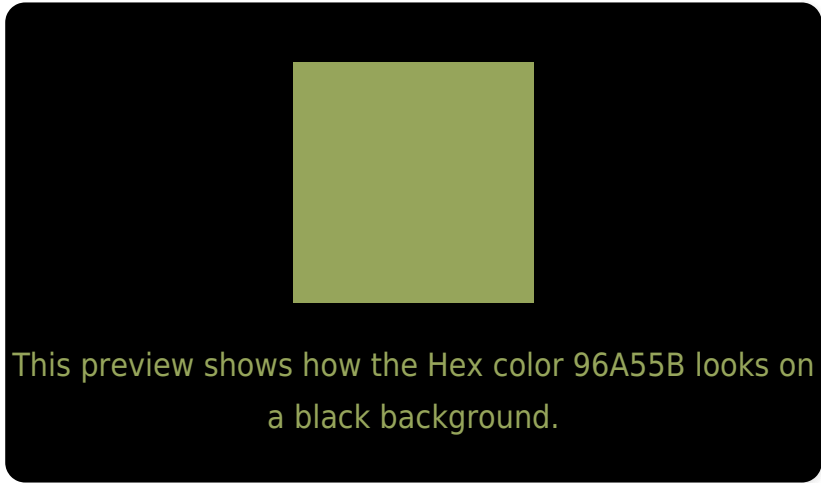
Large Text (above 18pt) WCAG AA × Fail

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

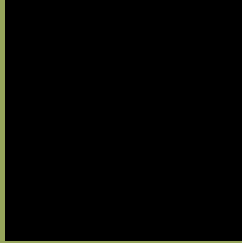
Any Text WCAG AA ✓ Pass

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 96A55B Background



This preview shows how black text looks on a background with the Hex color 96A55B.




This preview shows how white text looks on a background with the Hex color 96A55B.

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](#).

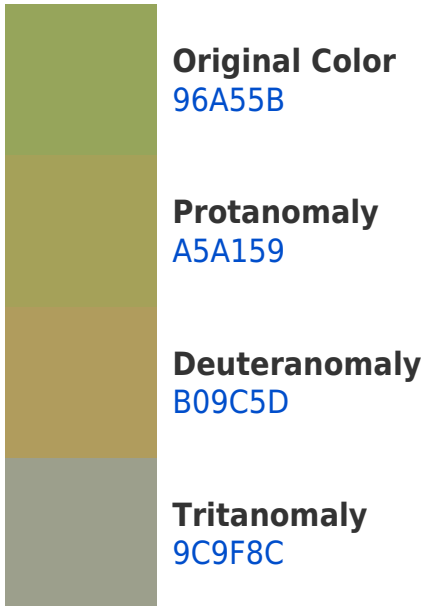
Dichromacy



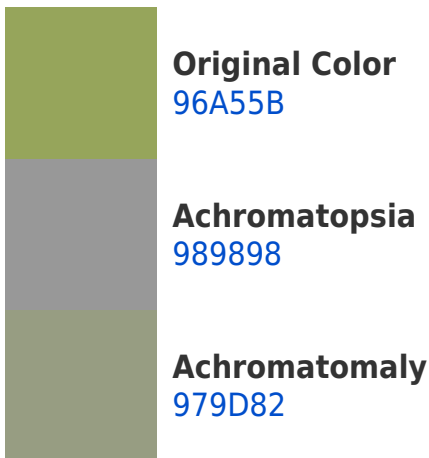


Tritanopia
9F9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A55B 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 #96A55B looks like.

```
.text, #text, p{  
    color:#96A55B  
}
```

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 #96A55B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A55B
}
```

Border

The CSS property to change the border of an element to Hex 96A55B 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
#96A55B }
```

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

```
.border{ border-color:#96A55B }
```

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

Here you see how a box with a 4 pixel #96A55B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A55B; -webkit-box-shadow:4px 4px  
4px 4px #96A55B; box-shadow:4px 4px 4px  
4px #96A55B }
```

Background

The CSS property to change the background color of an element to Hex 96A55B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A55B }
```

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

```
.background{ background-color:#96A55B }
```

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