

Converting Colors

Hex(96A844)

Have a look what the booklet for
Hex(96A844) contains.

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Color

Hex(96A844)

Conversions

Conversions Part 1

Format	Color
Hex	96A844
RGB	150, 168, 68
RGB Percent	59%, 66%, 27%
CMY	0.4118, 0.3412, 0.7333
CMYK	0.11, 0.00, 0.60, 0.34
HSL	71°, 42%, 46%
HSV	71°, 60%, 66%
XYZ	27.6237, 34.9066, 10.7506
YIQ	151.2180, 21.3720, -34.9160

Conversions

Conversions Part 2

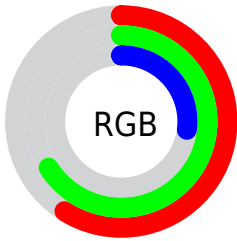
Format	Color
RYB	68, 168, 86
Decimal	9873476
CIELab	65.68, -20.86, 48.38
CIELCh	66, 52.686, 113.319
Yxy	34.9066, 0.3770, 0.4763
Android (android.graphics.Color)	4288063556 (0xFF96A844)
YUV	151.2180, -41.0265, -1.0682
Hunter-Lab	59.0818, -19.9356, 30.5688

Details

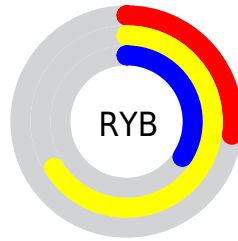
The Hex color **96A844** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5644A8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CEDF78**, and **60740C** is the 20% darker color. If you saturate the color by 10%, you get **93A833**, and if you desaturate by 10%, it is **99A855**.

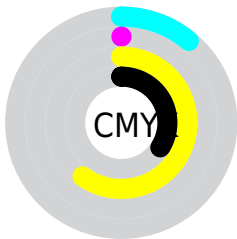
Distribution



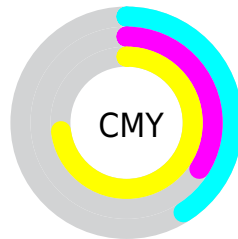
- Red (59%)
- Green (66%)
- Blue (27%)



- Red (27%)
- Yellow (66%)
- Blue (34%)



- Cyan (11%)
- Magenta (0%)
- Yellow (60%)
- Black (34%)



- Cyan (41%)
- Magenta (34%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A844 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 96A844 by changing the saturation by 10% instead.



96A844



96A844

FFFFFF



7B8E2A



CEDF78



60740C



EBFC93



475B00



FFFFAE



2E4400



FFFFCA



142E00



FFFFE7



001B00



000000



96A844



96A844



93A833



99A855

 90A822

 9CA866

 8DA812

 9FA876

 8AA801

 A2A887

 8AA800

 A5A898

 A8A8A9

 ABA8BA

 AEA8CA

 B1A8DB

Harmonies

Analogous

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



C3993E



96A844



5CB265

Triad

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



96A844



00B2EA



F177AC

Complementary

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



96A844



5644A8

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.



CF84D9



96A844



00A8FD

Square

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



96A844



00B7C3



9197F6



F7797D

Rectangle

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



96A844



0EB583



9197F6



E97ABC

Sweetspot

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



96A844



D4DBB4



A85544



696E56



EDEDED



6E6E6E

Same Dimension

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



96A844



BFDB40



65A844



53544C



799400



111400

Inverse Universe

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



5644A8



5C40DB



8744A8



4D4C54



1B0094



040014

Previews

White Background



This preview shows how the Hex color 96A844 looks on a white background.

Color Contrast Check

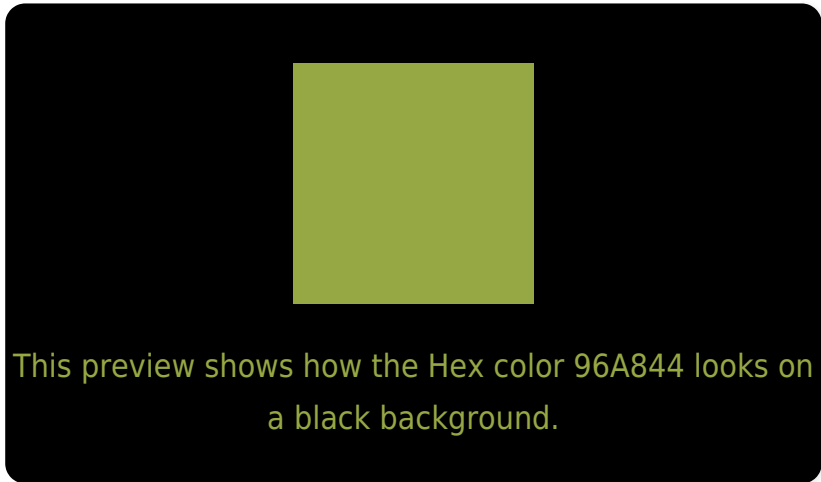
Large Text (above 18pt) WCAG AA × Fail

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 96A844 Background



This preview shows how black text looks on a background with the Hex color 96A844.



This preview shows how white text looks on a background with the Hex color 96A844.

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
96A844

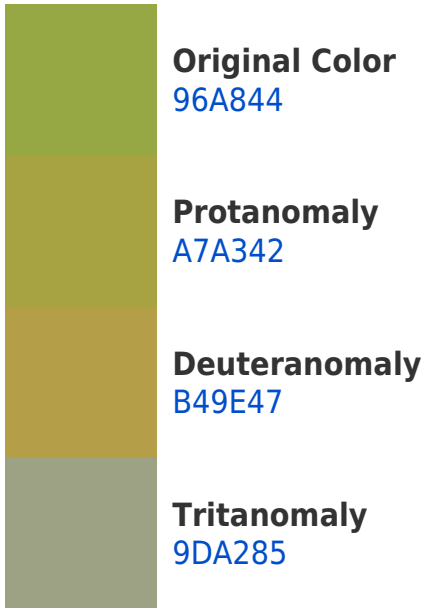
Protanopia
B1A041

Deuteranopia
C59849

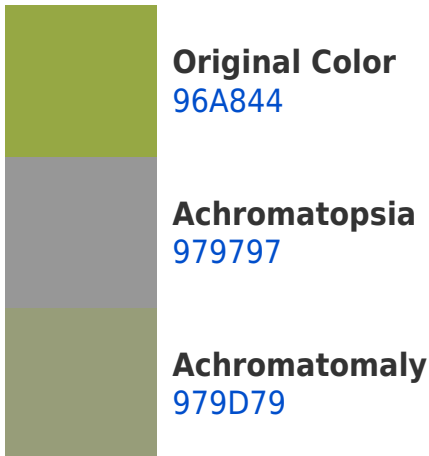


Tritanopia
A19EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A844 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 #96A844 looks like.

```
.text, #text, p{  
    color:#96A844  
}
```

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 #96A844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A844  
}
```

Border

The CSS property to change the border of an element to Hex 96A844 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  
#96A844 }
```

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

```
.border{ border-color:#96A844 }
```

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

Here you see how a box with a 4 pixel #96A844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A844; -webkit-box-shadow:4px 4px  
4px 4px #96A844; box-shadow:4px 4px 4px  
4px #96A844 }
```

Background

The CSS property to change the background color of an element to Hex 96A844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A844 }
```

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

```
.background{ background-color:#96A844 }
```

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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