

# Converting Colors

Hex(96AF74)

Have a look what the booklet for  
Hex(96AF74) contains.

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# **Color**

**Hex(96AF74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96AF74
RGB	150, 175, 116
RGB Percent	59%, 69%, 45%
CMY	0.4118, 0.3137, 0.5451
CMYK	0.14, 0.00, 0.34, 0.31
HSL	85°, 27%, 57%
HSV	85°, 34%, 69%
XYZ	31.0600, 38.4049, 22.2989
YIQ	160.7990, 4.0390, -23.6490

# Conversions

## Conversions Part 2

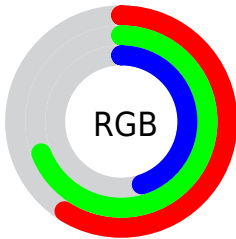
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 175, 141
Decimal	9875316
CIELab	68.32, -19.04, 27.49
CIELCh	68, 33.440, 124.715
Yxy	38.4049, 0.3385, 0.4185
Android (android.graphics.Color)	4288065396 (0xFF96AF74)
YUV	160.7990, -22.0859, -9.4707
Hunter-Lab	61.9717, -18.9868, 22.0463

# Details

The Hex color **96AF74** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8D74AF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CDE7A9**, and **627A43** is the 20% darker color. If you saturate the color by 10%, you get **8FAF62**, and if you desaturate by 10%, it is **9DAF86**.

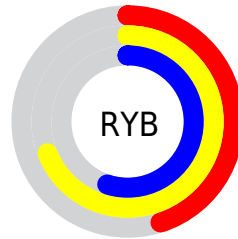
# Distribution



Red (59%)

Green (69%)

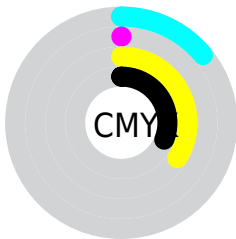
Blue (45%)



Red (45%)

Yellow (69%)

Blue (55%)

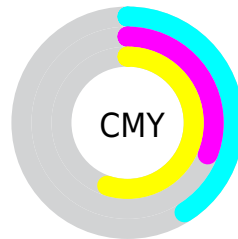


Cyan (14%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (41%)

Magenta (31%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96AF74 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 96AF74 by changing the saturation by 10% instead.



 96AF74

FFFFFF

 CDE7A9

 E9FFC4

 FFFFFE0

FFFFFFD

 96AF74

 8FAF62

 96AF74

 7C945B

 627A43

 4A622C

 324A15

 1C3300

 001E00

 000000

 96AF74

 9DAF86

 87AF51

 A5AF97

 80AF40

 ACAFA9

 78AF2E

 B4AFBA

 71AF1C

 BBAFCB

 6AAF0B

 C2AFDD

 65AF00

 CAAFEE

 D1AFFF

 D9AFFF

# Harmonies

## Analogous

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



B6A66A



96AF74



72B58C

# Triad

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



96AF74



55B1DC



E18FA3

# Complementary

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



96AF74



8D74AF

# 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.



D193C1



96AF74



84A8E2

# Square

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



96AF74



3AB6C8



B19DD8



E09386

# Rectangle

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



96AF74



59B7A0



B19DD8



DD90AD



# Sweetspot

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



96AF74



D9E3CC



AF8D74



6D7365



F2F2F2



737373



# Same Dimension

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



96AF74



BCE388



79AF74



53574E



579600



0D1700



# Inverse Universe

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



8D74AF



AF88E3



AA74AF



524E57



400096



0A0017



# Previews

## White Background



This preview shows how the Hex color 96AF74 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

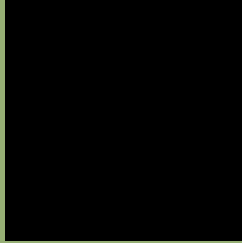
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96AF74 Background



This preview shows how black text looks on a background with the Hex color 96AF74.

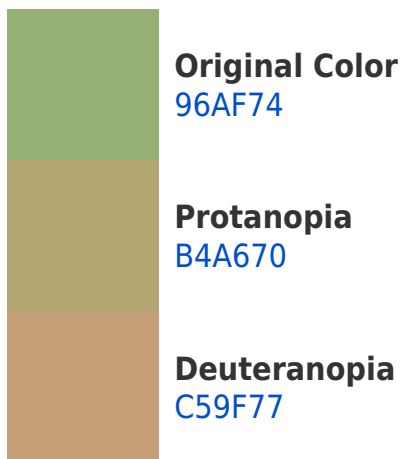


This preview shows how white text looks on a background with the Hex color 96AF74.

# 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**  
9FA7B4

# Trichromacy



**Original Color**  
96AF74

**Protanomaly**  
A9A971

**Deuteranomaly**  
B4A576

**Tritanomaly**  
9CAA9D

# Monochromacy



**Original Color**  
96AF74

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
9DA691

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96AF74 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 #96AF74 looks like.

```
.text, #text, p{  
    color:#96AF74  
}
```

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 #96AF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AF74
}
```

## Border

The CSS property to change the border of an element to Hex 96AF74 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
#96AF74 }
```

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

```
.border{ border-color:#96AF74 }
```

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

Here you see how a box with a 4 pixel #96AF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AF74; -webkit-box-shadow:4px 4px  
4px 4px #96AF74; box-shadow:4px 4px 4px  
4px #96AF74 }
```

# Background

The CSS property to change the background color of an element to Hex 96AF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AF74 }
```

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

```
.background{ background-color:#96AF74 }
```

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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