

# Converting Colors

Hex(96A072)

Have a look what the booklet for  
Hex(96A072) contains.

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**Color**

**Hex(96A072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96A072
RGB	150, 160, 114
RGB Percent	59%, 63%, 45%
CMY	0.4118, 0.3725, 0.5529
CMYK	0.06, 0.00, 0.29, 0.37
HSL	73°, 19%, 54%
HSV	73°, 29%, 63%
XYZ	28.1857, 32.8405, 20.7729
YIQ	151.7660, 8.8060, -16.4260

# Conversions

## Conversions Part 2

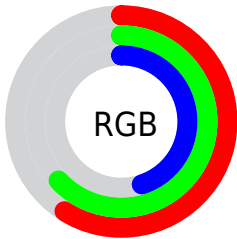
Format	Color
<b>RYB</b>	114, 160, 124
Decimal	9871474
CIELab	64.03, -11.54, 22.85
CIELCh	64, 25.597, 116.789
Yxy	32.8405, 0.3446, 0.4015
Android (android.graphics.Color)	4288061554 (0xFF96A072)
YUV	151.7660, -18.6186, -1.5488
Hunter-Lab	57.3067, -12.4931, 18.6228

# Details

The Hex color **96A072** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7C72A0**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CDD7A6**, and **636D41** is the 20% darker color. If you saturate the color by 10%, you get **93A062**, and if you desaturate by 10%, it is **99A082**.

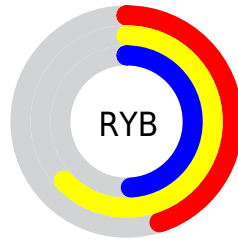
# Distribution



Red (59%)

Green (63%)

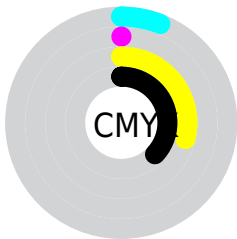
Blue (45%)



Red (45%)

Yellow (63%)

Blue (49%)

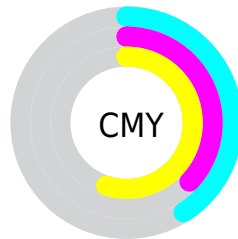


Cyan (6%)

Magenta (0%)

Yellow (29%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A072 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 96A072 by changing the saturation by 10% instead.



 96A072

 96A072

FFFFFF

 7C8659

 CDD7A6

 636D41

 E9F3C1


 4A542B

 FFFFDD

 333D15

 FFFFFA

 1E2700

 001400

 000000

 96A072

 96A072

 93A062

 99A082

 8FA052

 9DA092

 8CA042

 A0A0A2

 88A032

 A4A0B2

 85A022

 A7A0C2

 81A012

 ABA0D2

 7EA002

 AEA0E2

 7DA000

 B2A0F2

 B5A0FF

# Harmonies

## Analogous

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



AE996E



96A072



7CA582

# Triad

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



96A072



5FA4C1



C68B9F

# Complementary

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



96A072



7C72A0

# 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.



B68FB4



96A072



7B9EC8

# Square

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



96A072



55A7AF



9B96C4



C98C88

# Rectangle

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



96A072



6BA790



9B96C4



C28BA6



# Sweetspot

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



96A072



CDD1BE



A07C72



66695D



E8E8E8



696969



# Same Dimension

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



96A072



C1D188



7FA072



4D4F47



708F00



0C0F00



# Inverse Universe

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



7C72A0



9888D1



9372A0



49474F



1F008F



03000F



# Previews

## White Background



This preview shows how the Hex color 96A072 looks on a white background.

## Color Contrast Check

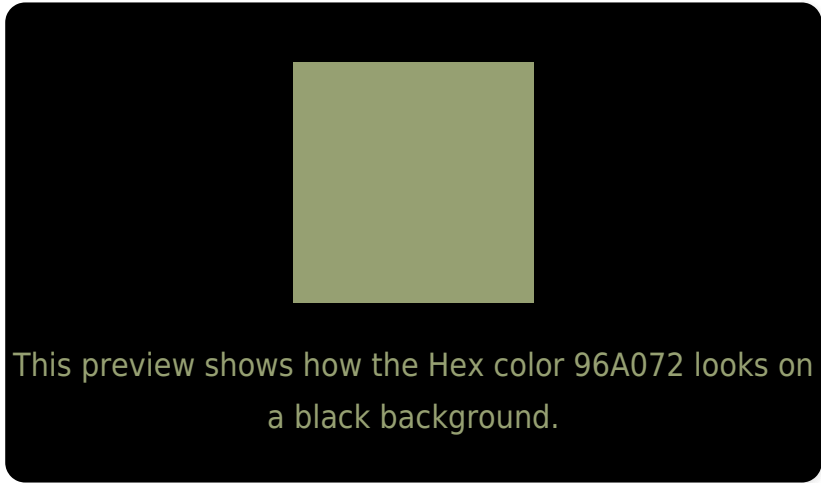
Large Text (above 18pt) WCAG AA × Fail

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

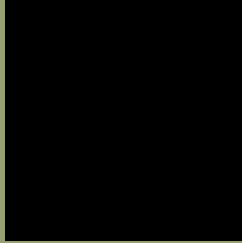
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

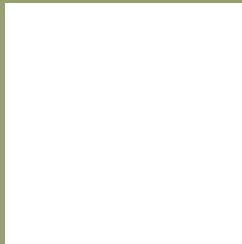
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96A072 Background



This preview shows how black text looks on a background with the Hex color 96A072.



This preview shows how white text looks on a background with the Hex color 96A072.

# 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



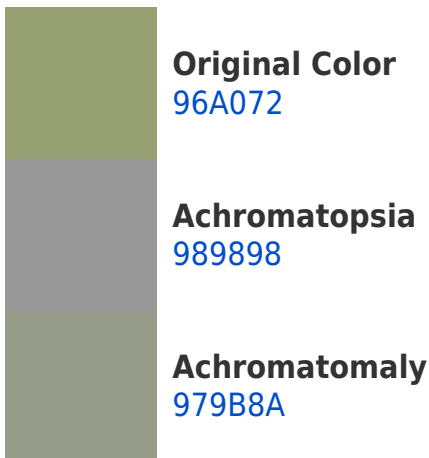


**Tritanopia**  
9D99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A072 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 #96A072 looks like.

```
.text, #text, p{  
    color:#96A072  
}
```

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 #96A072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A072
}
```

## Border

The CSS property to change the border of an element to Hex 96A072 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
#96A072 }
```

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

```
.border{ border-color:#96A072 }
```

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

Here you see how a box with a 4 pixel #96A072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A072; -webkit-box-shadow:4px 4px  
4px 4px #96A072; box-shadow:4px 4px 4px  
4px #96A072 }
```

# Background

The CSS property to change the background color of an element to Hex 96A072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A072 }
```

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

```
.background{ background-color:#96A072 }
```

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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