

# Converting Colors

Hex(A49960)

Have a look what the booklet for  
Hex(A49960) contains.

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# **Color**

**Hex(A49960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A49960
RGB	164, 153, 96
RGB Percent	64%, 60%, 38%
CMY	0.3569, 0.4000, 0.6235
CMYK	0.00, 0.07, 0.41, 0.36
HSL	50°, 27%, 51%
HSV	50°, 41%, 64%
XYZ	28.8124, 31.5195, 15.6316
YIQ	149.7910, 24.8530, -15.3950

# Conversions

## Conversions Part 2

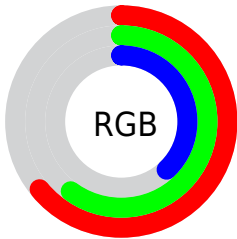
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 164, 96
Decimal	10787168
CIELab	62.94, -4.40, 31.39
CIELCh	63, 31.693, 97.972
Yxy	31.5195, 0.3793, 0.4149
Android (android.graphics.Color)	4288977248 (0xFFA49960)
YUV	149.7910, -26.5190, 12.4613
Hunter-Lab	56.1422, -6.6421, 22.7915

# Details

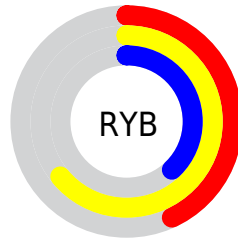
The Hex color **A49960** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **606BA4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **DCCF93**, and **6F6630** is the 20% darker color. If you saturate the color by 10%, you get **A49650**, and if you desaturate by 10%, it is **A49C70**.

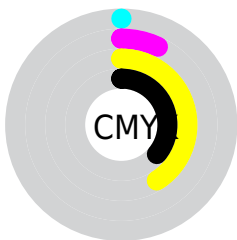
# Distribution



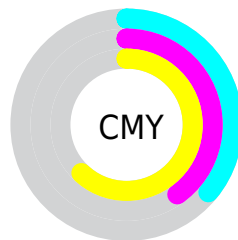
- Red (64%)
- Green (60%)
- Blue (38%)



- Red (43%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (62%)
- Black (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A49960 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 A49960 by changing the saturation by 10% instead.



 A49960

 A49960

FFFFFF

 897F48

 DCCF93

 6F6630

 F9EBAE

 554E19

 FFFFCA

 3D3801

 FFFFEE

 262200

 050D00

 000000

 A49960

 A49960

 A49650

 A49C70

 A4943F

 A49E81

 A4912F

 A4A191

 A48E1E

 A4A4A2

 A48C0E

 A4A6B2

 A48900

 A4A9C2

 A4ACD3

 A4AEE3

 A4B1F4

# Harmonies

## Analogous

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



BD8F65



A49960



85A16B

# Triad

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



A49960



32A6BA



C286AE

# Complementary

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



A49960



606BA4

# 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.



A68EC5



A49960



50A1CC

# Square

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



A49960



41A89F



7D98D0



CF8392

# Rectangle

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



A49960



6FA57A



7D98D0



BA88B7



# Sweetspot

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



A49960



D6D2BC



A4606B



6B695C



EBEBEB



6B6B6B



# Same Dimension

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



A49960



D6C56B



8DA460



525049



917A00



120F00



# Inverse Universe

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



606BA4



6B7CD6



7760A4



494B52



001891



000312



# Previews

## White Background



This preview shows how the Hex color A49960 looks on a white background.

## Color Contrast Check

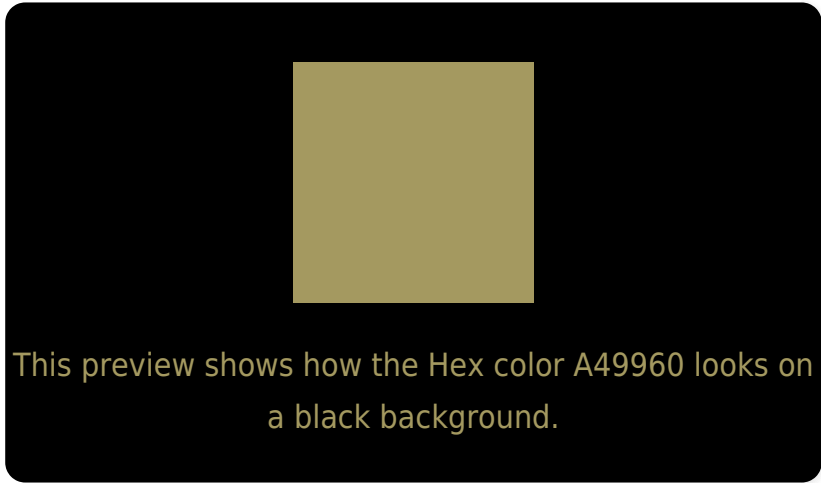
Large Text (above 18pt) WCAG AA × Fail

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

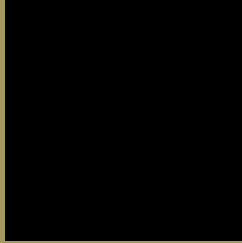
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A49960 Background



This preview shows how black text looks on a background with the Hex color A49960.



This preview shows how white text looks on a background with the Hex color A49960.

# 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**


A49960

**Protanopia**

A69860

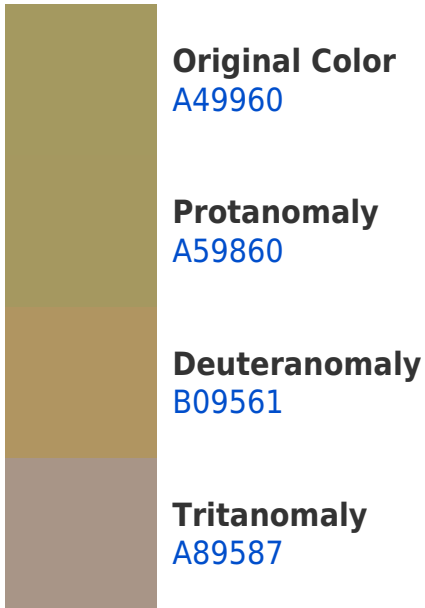
**Deuteranopia**

B79262

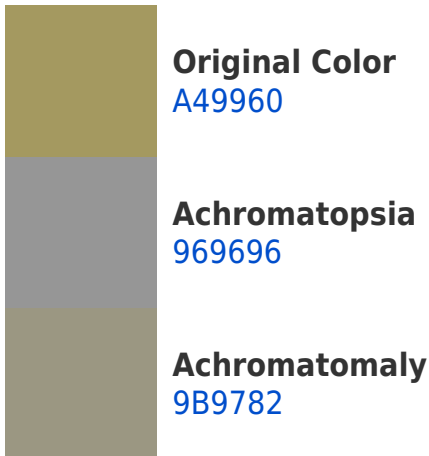


**Tritanopia**  
AB929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A49960 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 #A49960 looks like.

```
.text, #text, p{  
    color:#A49960  
}
```

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 #A49960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A49960
}
```

## Border

The CSS property to change the border of an element to Hex A49960 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
#A49960 }
```

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

```
.border{ border-color:#A49960 }
```

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

Here you see how a box with a 4 pixel #A49960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A49960; -webkit-box-shadow:4px 4px  
4px 4px #A49960; box-shadow:4px 4px 4px  
4px #A49960 }
```

# Background

The CSS property to change the background color of an element to Hex A49960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A49960 }
```

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

```
.background{ background-color:#A49960 }
```

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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