

# Converting Colors

Hex(A47995)

Have a look what the booklet for  
Hex(A47995) contains.

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**Color**

**Hex(A47995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A47995
RGB	164, 121, 149
RGB Percent	64%, 47%, 58%
CMY	0.3569, 0.5255, 0.4157
CMYK	0.00, 0.26, 0.09, 0.36
HSL	321°, 19%, 56%
HSV	321°, 26%, 64%
XYZ	27.5720, 23.7372, 31.5623
YIQ	137.0490, 16.6400, 17.8240

# Conversions

## Conversions Part 2

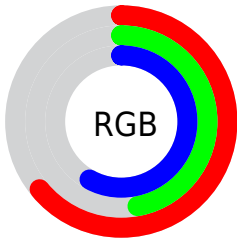
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 121, 149
Decimal	10779029
CIELab	55.82, 21.40, -8.53
CIELCh	56, 23.041, 338.274
Yxy	23.7372, 0.3327, 0.2864
Android (android.graphics.Color)	4288969109 (0xFFA47995)
YUV	137.0490, 5.8918, 23.6360
Hunter-Lab	48.7208, 15.7551, -4.3046

# Details

The Hex color **A47995** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **79A488**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **DBAECB**, and **704862** is the 20% darker color. If you saturate the color by 10%, you get **A4698F**, and if you desaturate by 10%, it is **A4899B**.

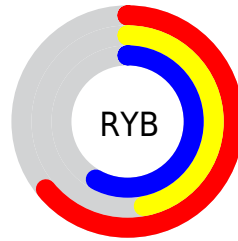
# Distribution



Red (64%)

Green (47%)

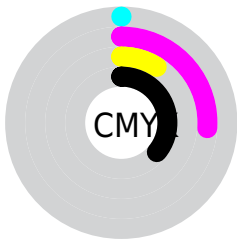
Blue (58%)



Red (64%)

Yellow (47%)

Blue (58%)

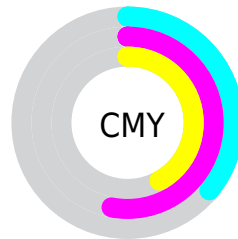


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (36%)



Cyan (36%)

Magenta (53%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A47995 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 A47995 by changing the saturation by 10% instead.



 A47995

 A47995

FFFFFF

 89607B

 DBAECB

 704862

 F8C9E7

 57314A

 FFE5FF

 3F1B34

 28041F

 070003

 000000

 A47995

 A47995

 A4698F

 A4899B

 A4588A

 A49AA0

 A44884

 A4AAA6

 A4377E

 A4BBAC

 A42778

 A4CBB2

 A41773

 A4DBB7

 A4066D

 A4ECBD

 A4006B

 A4FCC3

 A4FFC8

# Harmonies

## Analogous

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



907FA5



A47995



AE7781

# Triad

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



A47995



8F865E



49909E

# Complementary

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



A47995



79A488

# 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.



4E918B



A47995



788C66

# Square

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



A47995



A18061



619076



598CAA

# Rectangle

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



A47995



AE7874



619076



489098



# Sweetspot

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



A47995



D6C5D0



8779A4



6B6067



EBEBEB



6B6B6B



# Same Dimension

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



A47995



D694BF



A47980



52494F



91005F



12000C



# Inverse Universe

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



A47995



D694BF



79A49D



52494F



91005F

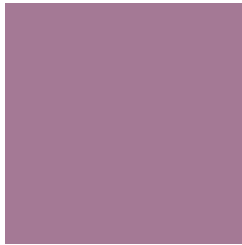


12000C



# Previews

## White Background



This preview shows how the Hex color A47995 looks on a white background.

## Color Contrast Check

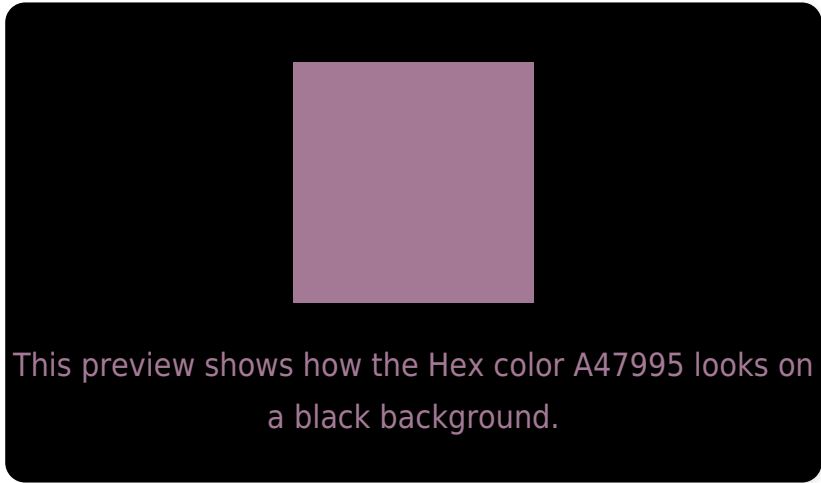
Large Text (above 18pt) WCAG AA ✓ Pass

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

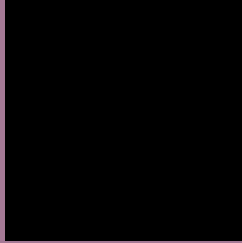
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A47995 Background



This preview shows how black text looks on a background with the Hex color A47995.



This preview shows how white text looks on a background with the Hex color A47995.

# 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**  
A47995

**Protanopia**  
82859D

**Deuteranopia**  
8D8293



**Tritanopia**  
A27C85

# Trichromacy



**Original Color**  
A47995

**Protanomaly**  
8E819A

**Deuteranomaly**  
957F94

**Tritanomaly**  
A37B8B

# Monochromacy



**Original Color**  
A47995

**Achromatopsia**  
898989

**Achromatomaly**  
93838D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A47995 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 #A47995 looks like.

```
.text, #text, p{  
    color:#A47995  
}
```

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 #A47995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47995
}
```

## Border

The CSS property to change the border of an element to Hex A47995 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
#A47995 }
```

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

```
.border{ border-color:#A47995 }
```

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

Here you see how a box with a 4 pixel #A47995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47995; -webkit-box-shadow:4px 4px  
4px 4px #A47995; box-shadow:4px 4px 4px  
4px #A47995 }
```

# Background

The CSS property to change the background color of an element to Hex A47995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47995 }
```

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

```
.background{ background-color:#A47995 }
```

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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