

# Converting Colors

Hex(A478A5)

Have a look what the booklet for  
Hex(A478A5) contains.

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# **Color**

**Hex(A478A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A478A5
RGB	164, 120, 165
RGB Percent	64%, 47%, 65%
CMY	0.3569, 0.5294, 0.3529
CMYK	0.01, 0.27, 0.00, 0.35
HSL	299°, 20%, 56%
HSV	299°, 27%, 65%
XYZ	28.8178, 24.0421, 38.7190
YIQ	138.2860, 11.7790, 23.3230

# Conversions

## Conversions Part 2

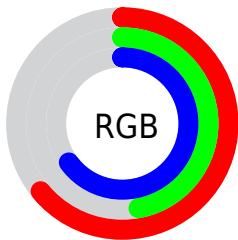
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 120, 165
Decimal	10778789
CIELab	56.13, 25.00, -17.33
CIELCh	56, 30.417, 325.263
Yxy	24.0421, 0.3147, 0.2625
Android (android.graphics.Color)	4288968869 (0xFFA478A5)
YUV	138.2860, 13.1700, 22.5512
Hunter-Lab	49.0327, 19.1020, -12.4959

# Details

The Hex color **A478A5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **79A578**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **DBADDC**, and **6F4771** is the 20% darker color. If you saturate the color by 10%, you get **A467A5**, and if you desaturate by 10%, it is **A489A5**.

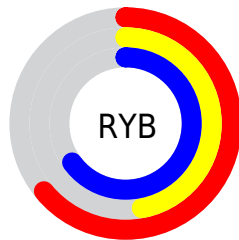
# Distribution



Red (64%)

Green (47%)

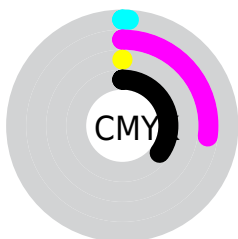
Blue (65%)



Red (64%)

Yellow (47%)

Blue (65%)

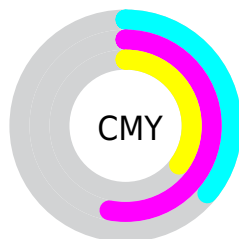


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (36%)

Magenta (53%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A478A5 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 A478A5 by changing the saturation by 10% instead.



 A478A5

 A478A5

FFFFFF

 895F8B

 DBADDC

 6F4771

 F8C8F9

 573058

 FFE4FF

 3E1941

 28032B

 090016

 000000

 A478A5

 A478A5

 A467A5

 A489A5

 A357A5

 A599A5

 A346A5

 A5AAA5

 A336A5

 A5BAA5

 A225A5

 A6CBA5

 A215A5

 A6DBA5

 A104A5

 A7EBA5

 A100A5

 A7FCA5

 A7FFA5

# Harmonies

## Analogous

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



8481B6



A478A5



B7728C

# Triad

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



A478A5



9C8452



21949C

# Complementary

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



A478A5



79A578

# 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.



409581



A478A5



818C56

# Square

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



A478A5



B07A5C



629268



2E91B1

# Rectangle

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



A478A5



BB727A



629268



2A9594



# Sweetspot

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



A478A5



D6C5D6



7879A5



6B606B



EBEBEB



6B6B6B



# Same Dimension

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



A478A5



D590D6



A57890



514952



8E0091



110012



# Inverse Universe

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



A57879



D69091



78A58D



52494A



910003

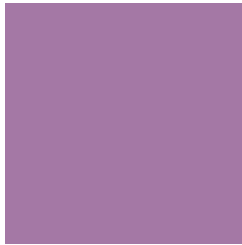


120000



# Previews

## White Background



This preview shows how the Hex color A478A5 looks on a white background.

## Color Contrast Check

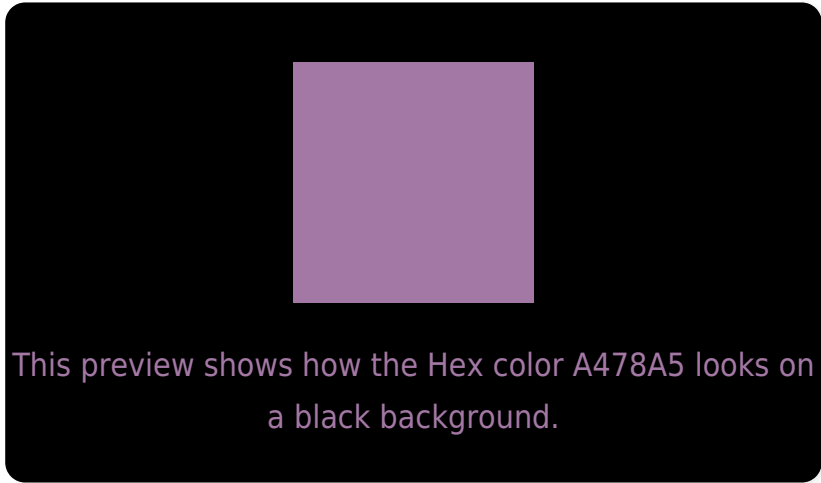
Large Text (above 18pt) WCAG AA ✓ Pass

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

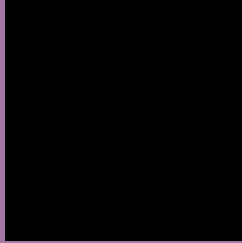
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A478A5 Background



This preview shows how black text looks on a background with the Hex color A478A5.



This preview shows how white text looks on a background with the Hex color A478A5.

# 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**  
A478A5

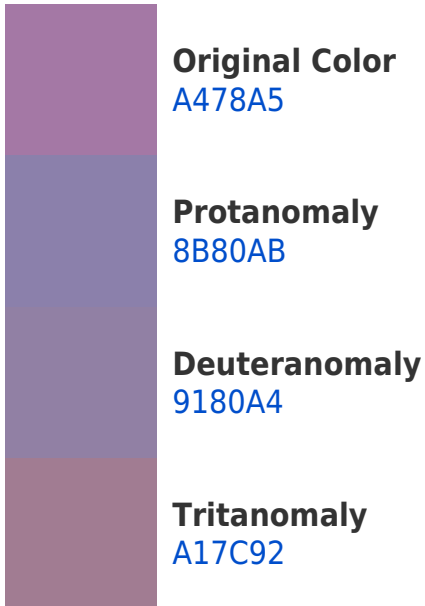
**Protanopia**  
7C85AE

**Deuteranopia**  
8684A3

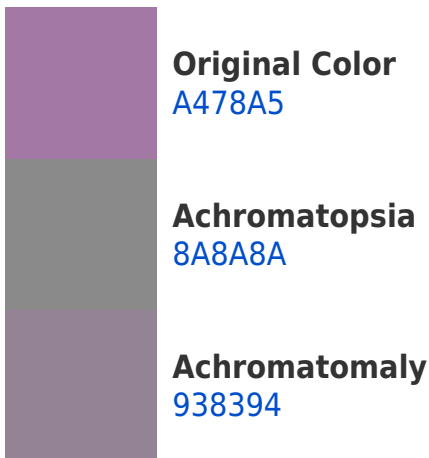


**Tritanopia**  
A07E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A478A5 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 #A478A5 looks like.

```
.text, #text, p{  
    color:#A478A5  
}
```

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 #A478A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A478A5
}
```

## Border

The CSS property to change the border of an element to Hex A478A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

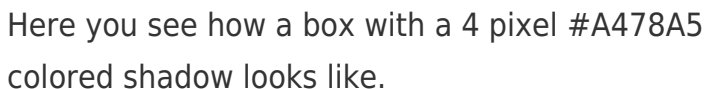
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A478A5 }
```

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

```
.border{ border-color:#A478A5 }
```

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



Here you see how a box with a 4 pixel #A478A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A478A5; -webkit-box-shadow:4px 4px  
4px 4px #A478A5; box-shadow:4px 4px 4px  
4px #A478A5 }
```

# Background

The CSS property to change the background color of an element to Hex A478A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A478A5 }
```

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

```
.background{ background-color:#A478A5 }
```

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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