

# Converting Colors

Hex(A16A86)

Have a look what the booklet for  
Hex(A16A86) contains.

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# Color

**Hex(A16A86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A16A86
RGB	161, 106, 134
RGB Percent	63%, 42%, 53%
CMY	0.3686, 0.5843, 0.4745
CMYK	0.00, 0.34, 0.17, 0.37
HSL	329°, 23%, 52%
HSV	329°, 34%, 63%
XYZ	24.1551, 19.6064, 25.0656
YIQ	125.6370, 23.7920, 20.3680

# Conversions

## Conversions Part 2

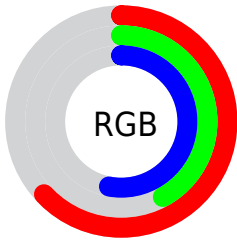
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 106, 134
Decimal	10578566
CIE <sub>Lab</sub>	51.39, 26.24, -6.39
CIE <sub>LCh</sub>	51, 27.004, 346.319
Yxy	19.6064, 0.3510, 0.2849
Android (android.graphics.Color)	4288768646 (0xFFA16A86)
YUV	125.6370, 4.1230, 31.0134
Hunter-Lab	44.2791, 19.8867, -2.5676

# Details

The Hex color **A16A86** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6AA185**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D99EBB**, and **6C3954** is the 20% darker color. If you saturate the color by 10%, you get **A15A7E**, and if you desaturate by 10%, it is **A17A8E**.

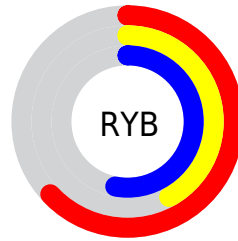
# Distribution



Red (63%)

Green (42%)

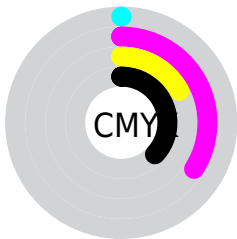
Blue (53%)



Red (63%)

Yellow (42%)

Blue (53%)

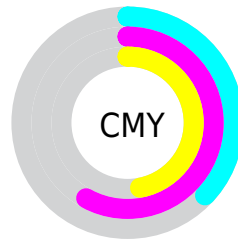


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (37%)



Cyan (37%)

Magenta (58%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A16A86 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 A16A86 by changing the saturation by 10% instead.





A16A86



A16A86

FFFFFF



86516D



D99EBB



6C3954



F5B9D7



53223D



FFD5F3



3B0B28



FFF2FF



270013



000000



A16A86



A16A86



A15A7E



A17A8E



A14A76



A18A96

 A13A6E

 A19A9E

 A12A66

 A1AAA6

 A11A5E

 A1BBAE

 A10957

 A1CBB5

 A10052

 A1DBBD

 A1EBC5

 A1FBCD

# Harmonies

## Analogous

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



8D709A



A16A86



A8696F

# Triad

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



A16A86



7D7D4E



2B859B

# Complementary

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



A16A86



6AA185

# 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.



2D8787



A16A86



63835A

# Square

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



A16A86



93754E



47866F



4980A7

# Rectangle

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



A16A86



A66C60



47866F



278695



# Sweetspot

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



A16A86



D1BCC7



856AA1



695C62



E8E8E8



696969



# Same Dimension

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



A16A86



D17BA7



A16A6B



52494E



91004A



120009



# Inverse Universe

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



A16A86



D17BA7



6AA1A0



52494E



91004A

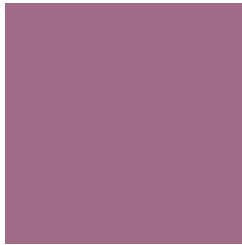


120009



# Previews

## White Background



This preview shows how the Hex color A16A86 looks on a white background.

## Color Contrast Check

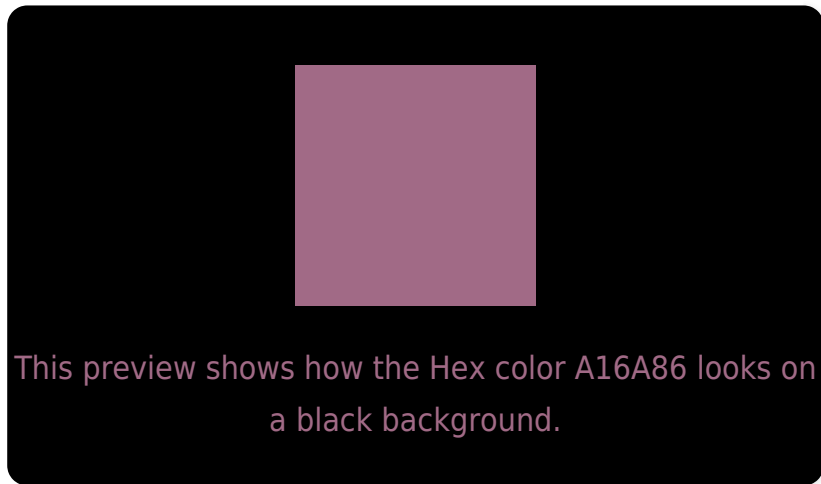
Large Text (above 18pt) WCAG AA ✓ Pass

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

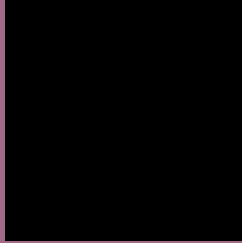
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A16A86 Background



This preview shows how black text looks on a background with the Hex color A16A86.

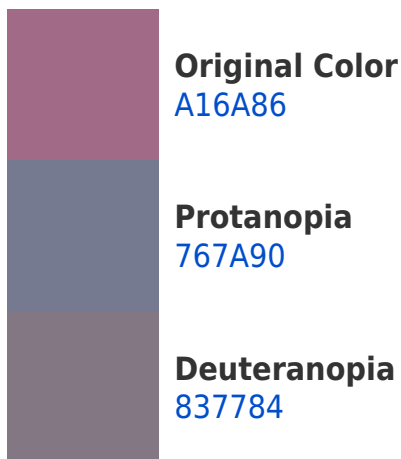


This preview shows how white text looks on a background with the Hex color A16A86.

# 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](#).

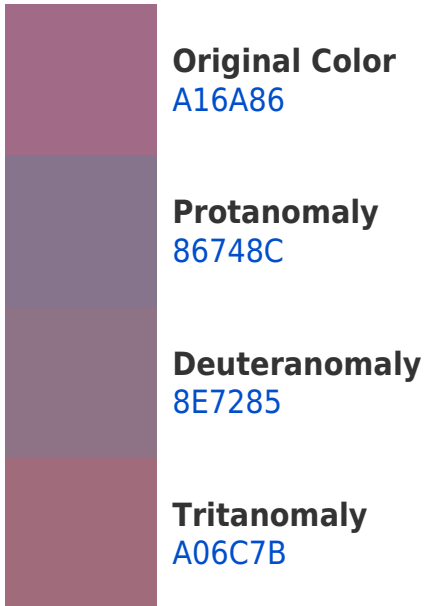
## Dichromacy





**Tritanopia**  
9F6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A16A86 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 #A16A86 looks like.

```
.text, #text, p{  
    color:#A16A86  
}
```

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 #A16A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A16A86
}
```

## Border

The CSS property to change the border of an element to Hex A16A86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

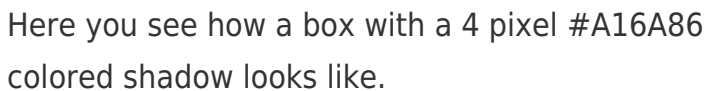
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A16A86 }
```

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

```
.border{ border-color:#A16A86 }
```

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



Here you see how a box with a 4 pixel `#A16A86` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A16A86; -webkit-box-shadow:4px 4px  
4px 4px #A16A86; box-shadow:4px 4px 4px  
4px #A16A86 }
```

# Background

The CSS property to change the background color of an element to Hex A16A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A16A86 }
```

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

```
.background{ background-color:#A16A86 }
```

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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