

# Converting Colors

Hex(A06787)

Have a look what the booklet for  
Hex(A06787) contains.

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**Color**

**Hex(A06787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A06787
RGB	160, 103, 135
RGB Percent	63%, 40%, 53%
CMY	0.3725, 0.5961, 0.4706
CMYK	0.00, 0.36, 0.16, 0.37
HSL	326°, 23%, 52%
HSV	326°, 36%, 63%
XYZ	23.7206, 18.9233, 25.3240
YIQ	123.6910, 23.7000, 22.0360

# Conversions

## Conversions Part 2

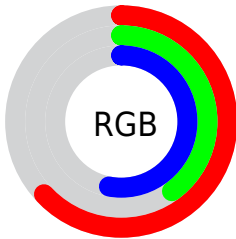
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 103, 135
Decimal	10512263
CIELab	50.60, 27.74, -8.17
CIELCh	51, 28.919, 343.586
Yxy	18.9233, 0.3490, 0.2784
Android (android.graphics.Color)	4288702343 (0xFFA06787)
YUV	123.6910, 5.5753, 31.8430
Hunter-Lab	43.5010, 21.2075, -4.0649

# Details

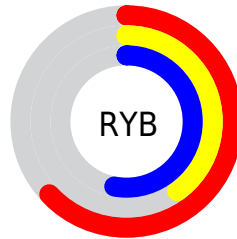
The Hex color **A06787** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67A080**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D89BBC**, and **6B3655** is the 20% darker color. If you saturate the color by 10%, you get **A05780**, and if you desaturate by 10%, it is **A0778E**.

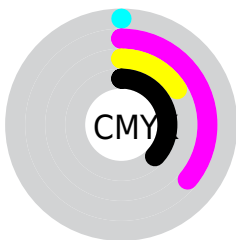
# Distribution



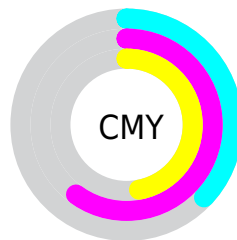
- Red (63%)
- Green (40%)
- Blue (53%)



- Red (63%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A06787 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 A06787 by changing the saturation by 10% instead.



 A06787

 A06787

FFFFFF

 854E6E

 D89BBC

 6B3655

 F4B6D8

 521F3E

 FFD2F4

 3A0728

 FFEEFF

 260014

 000000

 A06787

 A06787

 A05780

 A0778E

 A04779

 A08795

 A03772

 A0979C

 A0276B

 A0A7A3

 A01764

 A0B7AA

 A0075D

 A0C7B1

 A0005A

 A0D7B8

 A0E7BF

 A0F7C6

# Harmonies

## Analogous

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



8A6E9C



A06787



A9656E

# Triad

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



A06787



7E7B48



15849A

# Complementary

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



A06787



67A080

# 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.



218683



A06787



628154

# Square

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



A06787



957249



43856A



3D7FA7

# Rectangle

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



A06787



A7685E



43856A



108593



# Sweetspot

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



A06787



D1BAC7



8067A0



695B63



E8E8E8



696969



# Same Dimension

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



A06787



D177AA



A0676B



4F474C



8F0050



0F0009



# Inverse Universe

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



A06787



D177AA



67A09C



4F474C



8F0050

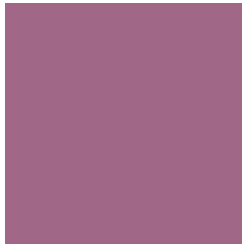


0F0009



# Previews

## White Background



This preview shows how the Hex color A06787 looks on a white background.

## Color Contrast Check

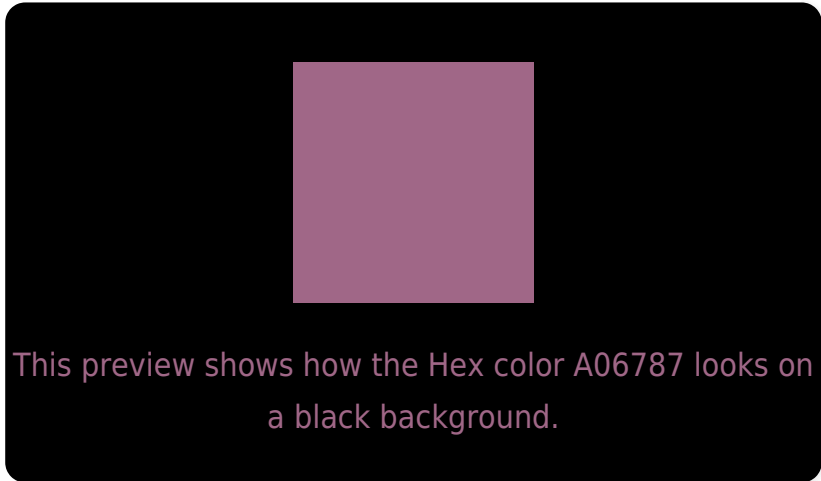
Large Text (above 18pt) WCAG AA ✓ Pass

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

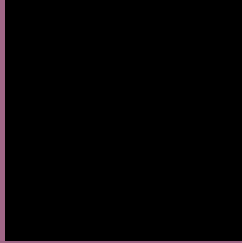
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A06787 Background



This preview shows how black text looks on a background with the Hex color A06787.



This preview shows how white text looks on a background with the Hex color A06787.

# 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**  
9E6B73

# Trichromacy



**Original Color**  
A06787

**Protanomaly**  
83728E

**Deuteranomaly**  
8B7085

**Tritanomaly**  
9F6A7A

# Monochromacy



**Original Color**  
A06787

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
897480

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A06787 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 #A06787 looks like.

```
.text, #text, p{  
    color:#A06787  
}
```

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 #A06787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A06787
}
```

## Border

The CSS property to change the border of an element to Hex A06787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

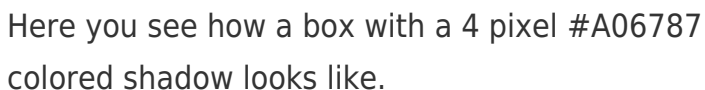
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A06787 }
```

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

```
.border{ border-color:#A06787 }
```

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



Here you see how a box with a 4 pixel `#A06787` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A06787; -webkit-box-shadow:4px 4px  
4px 4px #A06787; box-shadow:4px 4px 4px  
4px #A06787 }
```

# Background

The CSS property to change the background color of an element to Hex A06787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A06787 }
```

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

```
.background{ background-color:#A06787 }
```

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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