

# Converting Colors

Hex(A36786)

Have a look what the booklet for  
Hex(A36786) contains.

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**Color**

**Hex(A36786)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A36786
RGB	163, 103, 134
RGB Percent	64%, 40%, 53%
CMY	0.3608, 0.5961, 0.4745
CMYK	0.00, 0.37, 0.18, 0.36
HSL	329°, 25%, 52%
HSV	329°, 37%, 64%
XYZ	24.2576, 19.2083, 24.9833
YIQ	124.4740, 25.8090, 22.3610

# Conversions

## Conversions Part 2

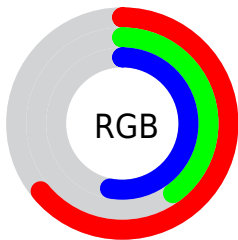
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 103, 134
Decimal	10708870
CIE <sub>Lab</sub>	50.93, 28.66, -7.04
CIE <sub>LCh</sub>	51, 29.518, 346.193
Yxy	19.2083, 0.3544, 0.2806
Android (android.graphics.Color)	4288898950 (0xFFA36786)
YUV	124.4740, 4.6963, 33.7873
Hunter-Lab	43.8272, 22.0989, -3.1187

# Details

The Hex color **A36786** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67A384**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **DB9BBB**, and **6E3654** is the 20% darker color. If you saturate the color by 10%, you get **A3577E**, and if you desaturate by 10%, it is **A3778E**.

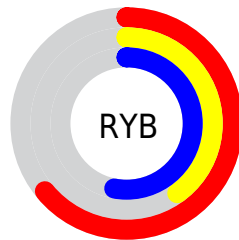
# Distribution



Red (64%)

Green (40%)

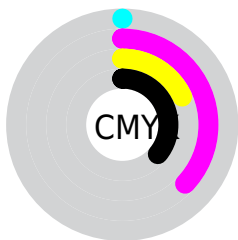
Blue (53%)



Red (64%)

Yellow (40%)

Blue (53%)

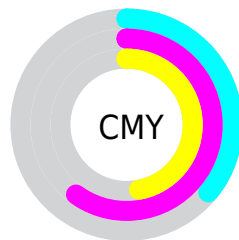


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (36%)



Cyan (36%)

Magenta (60%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A36786 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 A36786 by changing the saturation by 10% instead.



 A36786

 A36786

FFFFFF

 884E6D

 DB9BBB

 6E3654

 F8B6D7

 541F3D

 FFD2F3

 3C0727

 FFEFFF

 280013

 000000

 A36786

 A36786

 A3577E

 A3778E

 A34676

 A38896

 A3366E

 A3989E

 A32666

 A3A8A6

 A3165F

 A3B9AD

 A30557

 A3C9B5

 A30054

 A3D9BD

 A3E9C5

 A3FACD

# Harmonies

## Analogous

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



8D6E9C



A36786



AB666C

# Triad

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



A36786



7C7C48



12859D

# Complementary

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



A36786



67A384

# 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.



1A8786



A36786



608256

# Square

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



A36786



947448



40866C



407FAA

# Rectangle

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



A36786



A8695D



40866C



088696



# Sweetspot

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



A36786



D4BCC8



8467A3



6B5D64



EBEBEB



6B6B6B



# Same Dimension

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



A36786



D477A7



A36768



52494E



91004B



120009



# Inverse Universe

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



A36786



D477A7



67A3A2



52494E



91004B

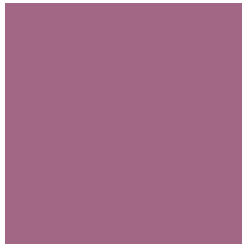


120009



# Previews

## White Background



This preview shows how the Hex color A36786 looks on a white background.

## Color Contrast Check

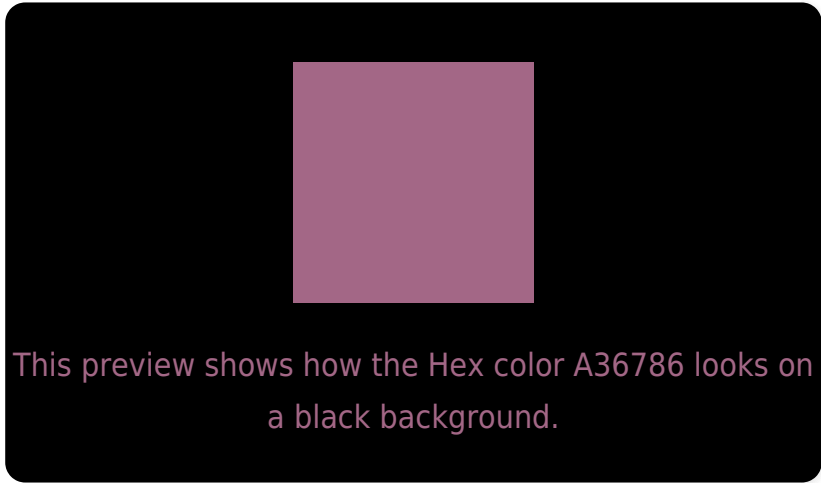
Large Text (above 18pt) WCAG AA ✓ Pass

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

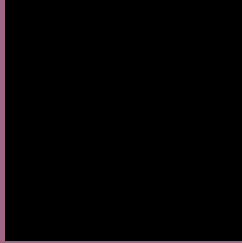
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A36786 Background



This preview shows how black text looks on a background with the Hex color A36786.




This preview shows how white text looks on a background with the Hex color A36786.

# 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**  
A16B73

# Trichromacy



**Original Color**  
A36786

**Protanomaly**  
85728D

**Deuteranomaly**  
8D7184

**Tritanomaly**  
A26A7A

# Monochromacy



**Original Color**  
A36786

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
8A7480

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A36786 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 #A36786 looks like.

```
.text, #text, p{  
    color:#A36786  
}
```

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 #A36786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36786
}
```

## Border

The CSS property to change the border of an element to Hex A36786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

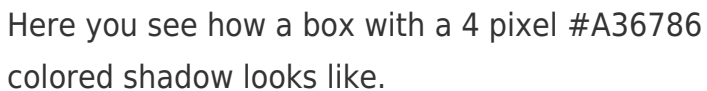
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A36786 }
```

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

```
.border{ border-color:#A36786 }
```

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



Here you see how a box with a 4 pixel #A36786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36786; -webkit-box-shadow:4px 4px  
4px 4px #A36786; box-shadow:4px 4px 4px  
4px #A36786 }
```

# Background

The CSS property to change the background color of an element to Hex A36786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36786 }
```

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

```
.background{ background-color:#A36786 }
```

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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