

# Converting Colors

Hex(A36C9F)

Have a look what the booklet for  
Hex(A36C9F) contains.

<b>Hex(A36C9F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A36C9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A36C9F
RGB	163, 108, 159
RGB Percent	64%, 42%, 62%
CMY	0.3608, 0.5765, 0.3765
CMYK	0.00, 0.34, 0.02, 0.36
HSL	304°, 23%, 53%
HSV	304°, 34%, 64%
XYZ	26.7248, 21.0149, 35.4486
YIQ	130.2590, 16.4090, 27.5210

# Conversions

## Conversions Part 2

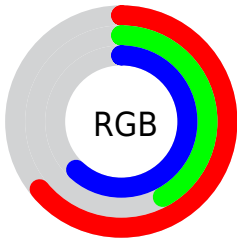
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 108, 159
Decimal	10710175
CIE <sub>Lab</sub>	52.97, 30.30, -18.68
CIE <sub>LCh</sub>	53, 35.593, 328.344
Y <sub>xy</sub>	21.0149, 0.3213, 0.2526
Android (android.graphics.Color)	4288900255 (0xFFA36C9F)
YUV	130.2590, 14.1693, 28.7139
Hunter-Lab	45.8420, 23.8380, -13.7583

# Details

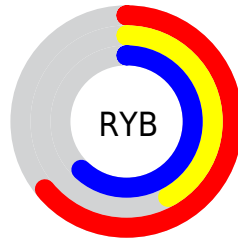
The Hex color **A36C9F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6CA370**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **DBA0D6**, and **6E3B6B** is the 20% darker color. If you saturate the color by 10%, you get **A35C9E**, and if you desaturate by 10%, it is **A37CA0**.

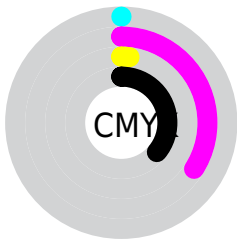
# Distribution



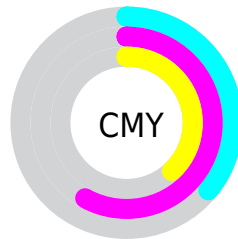
- Red (64%)
- Green (42%)
- Blue (62%)



- Red (64%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A36C9F 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 A36C9F by changing the saturation by 10% instead.





A36C9F



A36C9F

FFFFFF



885385



DBA0D6



6E3B6B



F8BCF2



552453



FFD8FF



3D0C3C



FFF4FF



270026



00010F



000000



A36C9F



A36C9F



A35C9E



A37CA0

 A34B9D

 A38DA1

 A33B9B

 A39DA3

 A32B9A

 A3ADA4

 A31B99

 A3BEA5

 A30A98

 A3CEA6

 A30097

 A3DEA7

 A3EEA8

 A3FFAA

# Harmonies

## Analogous

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



7F77B4



A36C9F



B66681

# Triad

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



A36C9F



937C40



008E9A

# Complementary

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



A36C9F



6CA370

# 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.



158E7C



A36C9F



748547

# Square

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



A36C9F



AB714B



4F8B5D



008AB2

# Rectangle

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



A36C9F



B9666D



4F8B5D



008E91



# Sweetspot

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



A36C9F



D4BED2



706CA3



6B5E6A



EBEBEB



6B6B6B



# Same Dimension

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



A36C9F



D47FCD



A36C84



524951



910087



120011



# Inverse Universe

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



A36C9F



D47FCD



6CA38B



524951



910087

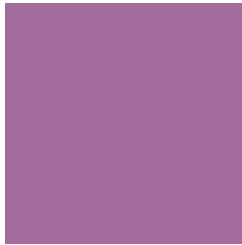


120011



# Previews

## White Background



This preview shows how the Hex color A36C9F looks on a white background.

## Color Contrast Check

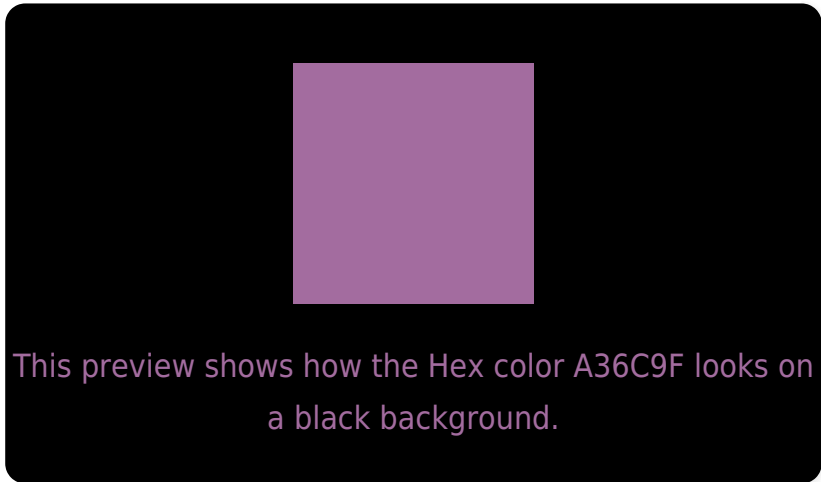
Large Text (above 18pt) WCAG AA ✓ Pass

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

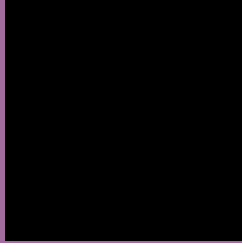
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A36C9F Background



This preview shows how black text looks on a background with the Hex color A36C9F.



This preview shows how white text looks on a background with the Hex color A36C9F.

# 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**  
A36C9F

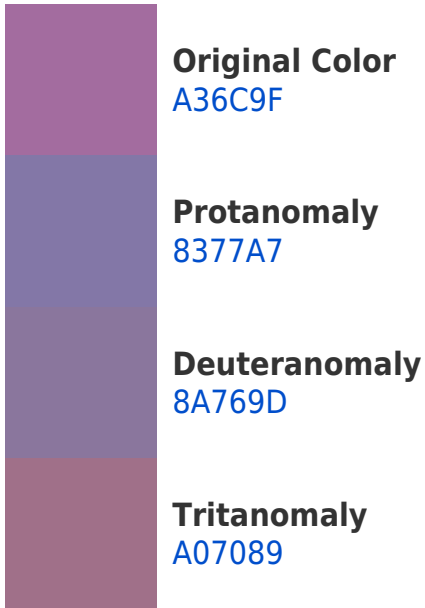
**Protanopia**  
717DAC

**Deuteranopia**  
7C7C9C

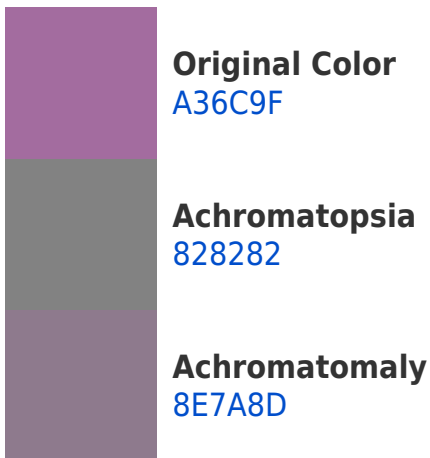


**Tritanopia**  
9E737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A36C9F 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 #A36C9F looks like.

```
.text, #text, p{  
    color:#A36C9F  
}
```

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 #A36C9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36C9F
}
```

## Border

The CSS property to change the border of an element to Hex A36C9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

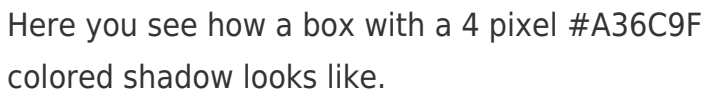
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A36C9F }
```

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

```
.border{ border-color:#A36C9F }
```

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



Here you see how a box with a 4 pixel `#A36C9F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36C9F; -webkit-box-shadow:4px 4px  
4px 4px #A36C9F; box-shadow:4px 4px 4px  
4px #A36C9F }
```

# Background

The CSS property to change the background color of an element to Hex A36C9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36C9F }
```

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

```
.background{ background-color:#A36C9F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor