

# Converting Colors

Hex(A46BA7)

Have a look what the booklet for  
Hex(A46BA7) contains.

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# Color

**Hex(A46BA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A46BA7
RGB	164, 107, 167
RGB Percent	64%, 42%, 65%
CMY	0.3569, 0.5804, 0.3451
CMYK	0.02, 0.36, 0.00, 0.35
HSL	297°, 25%, 54%
HSV	297°, 36%, 65%
XYZ	27.5426, 21.1979, 39.1992
YIQ	130.8830, 14.7120, 30.7440

# Conversions

## Conversions Part 2

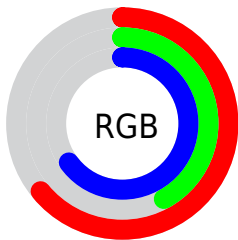
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 107, 167
Decimal	10775463
CIELab	53.17, 32.74, -23.03
CIELCh	53, 40.030, 324.884
Yxy	21.1979, 0.3132, 0.2411
Android (android.graphics.Color)	4288965543 (0xFFA46BA7)
YUV	130.8830, 17.8057, 29.0436
Hunter-Lab	46.0412, 26.2095, -18.2503

# Details

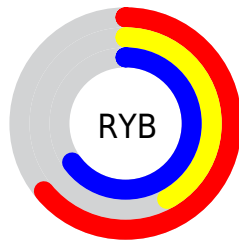
The Hex color **A46BA7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6EA76B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DC9FDE**, and **6F3A73** is the 20% darker color. If you saturate the color by 10%, you get **A35AA7**, and if you desaturate by 10%, it is **A57CA7**.

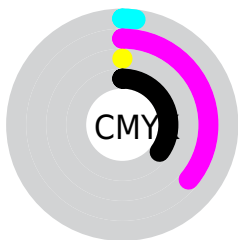
# Distribution



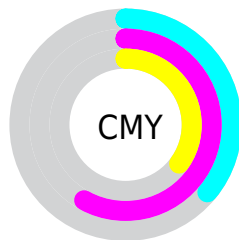
- Red (64%)
- Green (42%)
- Blue (65%)



- Red (64%)
- Yellow (42%)
- Blue (65%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (58%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A46BA7 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 A46BA7 by changing the saturation by 10% instead.



 A46BA7

 A46BA7

FFFFFF

 89528C

 DC9FDE

 6F3A73

 F9BBFB

 56225A

 FFD7FF

 3D0942

 FFF3FF

 27002C

 000017

 000000

 A46BA7

 A46BA7

 A35AA7

 A57CA7

 A24AA7

 A68CA7

 A139A7

 A79DA7

 A128A7

 A7AEA7

 A017A7

 A8BEA7

 9F07A7

 A9CFA7

 9F00A7

 AAE0A7

 ABF1A7

 ACFFA7

# Harmonies

## Analogous

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



7878BD



A46BA7



BB6386

# Triad

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



A46BA7



997B39



00909B

# Complementary

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



A46BA7



6EA76B

# 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.



009078



A46BA7



77863E

# Square

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



A46BA7



B26E48



4D8D56



008CB7

# Rectangle

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



A46BA7



C0626F



4D8D56



009190



# Sweetspot

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



A46BA7



D8C1D9



6B6EA7



6D5F6E



EDEDED



6E6E6E



# Same Dimension

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



A46BA7



D47CD9



A76B8C



544C54



8D0094



130014



# Inverse Universe

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



A76B6E



D97C80



6BA786



544C4C



940007

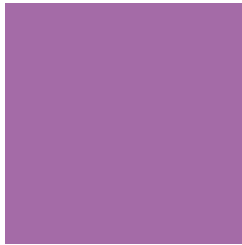


140001



# Previews

## White Background



This preview shows how the Hex color A46BA7 looks on a white background.

## Color Contrast Check

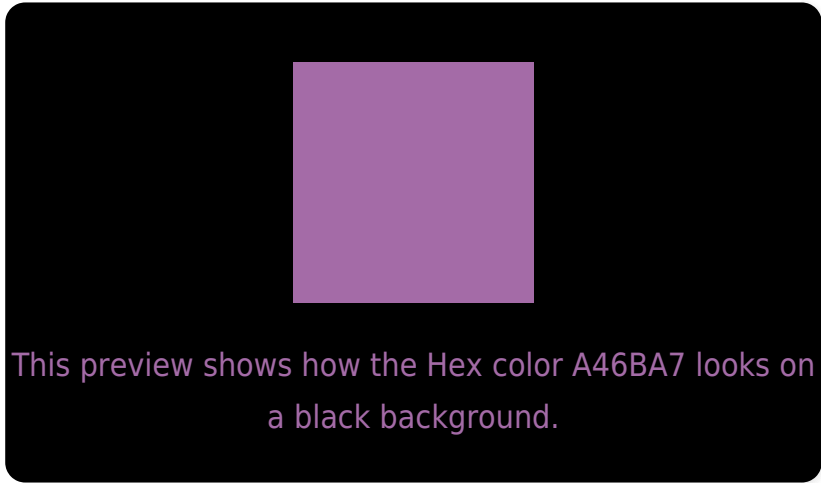
Large Text (above 18pt) WCAG AA ✓ Pass

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 A46BA7 Background



This preview shows how black text looks on a background with the Hex color A46BA7.

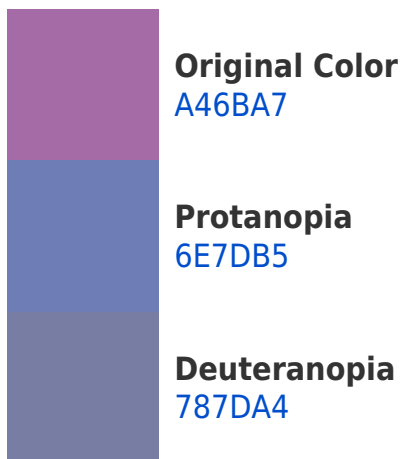


This preview shows how white text looks on a background with the Hex color A46BA7.

# 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**  
9E747D

# Trichromacy



**Original Color**  
A46BA7

**Protanomaly**  
8276B0

**Deuteranomaly**  
8876A5

**Tritanomaly**  
A0718C

# Monochromacy



**Original Color**  
A46BA7

**Achromatopsia**  
838383

**Achromatomaly**  
8F7A90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A46BA7 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 #A46BA7 looks like.

```
.text, #text, p{  
    color:#A46BA7  
}
```

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 #A46BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46BA7  
}
```

## Border

The CSS property to change the border of an element to Hex A46BA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

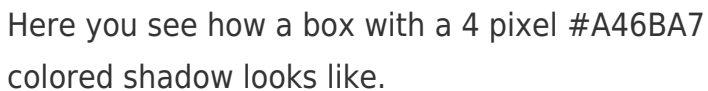
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A46BA7 }
```

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

```
.border{ border-color:#A46BA7 }
```

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



Here you see how a box with a 4 pixel #A46BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46BA7; -webkit-box-shadow:4px 4px  
4px 4px #A46BA7; box-shadow:4px 4px 4px  
4px #A46BA7 }
```

# Background

The CSS property to change the background color of an element to Hex A46BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46BA7 }
```

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

```
.background{ background-color:#A46BA7 }
```

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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