

# Converting Colors

Hex(A86AB7)

Have a look what the booklet for  
Hex(A86AB7) contains.

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# Color

**Hex(A86AB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86AB7
RGB	168, 106, 183
RGB Percent	66%, 42%, 72%
CMY	0.3412, 0.5843, 0.2824
CMYK	0.08, 0.42, 0.00, 0.28
HSL	288°, 35%, 57%
HSV	288°, 42%, 72%
XYZ	29.8497, 22.0518, 47.4829
YIQ	133.3160, 12.2350, 37.0910

# Conversions

## Conversions Part 2

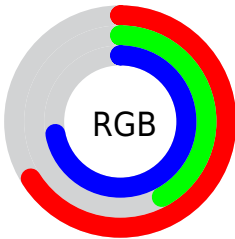
Format	Color
<a href="#">RYB</a>	<a href="#">168, 106, 183</a>
Decimal	<a href="#">11037367</a>
CIELab	<a href="#">54.08, 37.79, -30.84</a>
CIELCh	<a href="#">54, 48.771, 320.784</a>
Yxy	<a href="#">22.0518, 0.3003, 0.2219</a>
Android (android.graphics.Color)	<a href="#">4289227447 (0xFFA86AB7)</a>
YUV	<a href="#">133.3160, 24.4942, 30.4179</a>
Hunter-Lab	<a href="#">46.9593, 31.2848, -27.0795</a>

# Details

The Hex color **A86AB7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **79B76A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E09FEF**, and **723882** is the 20% darker color. If you saturate the color by 10%, you get **A458B7**, and if you desaturate by 10%, it is **AC7CB7**.

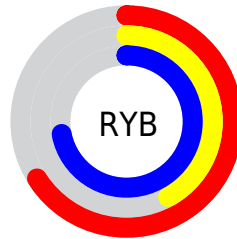
# Distribution



Red (66%)

Green (42%)

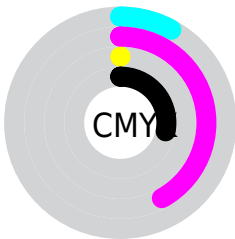
Blue (72%)



Red (66%)

Yellow (42%)

Blue (72%)

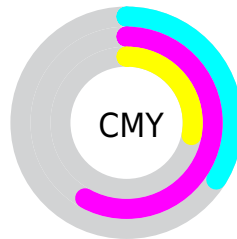


Cyan (8%)

Magenta (42%)

Yellow (0%)

Black (28%)



Cyan (34%)

Magenta (58%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A86AB7 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 A86AB7 by changing the saturation by 10% instead.



 A86AB7

 A86AB7

FFFFFF

 8D519C

 E09FEF

 723882

 FDBAFF

 592068

 FFD6FF

 400450

 FFF3FF

 280039

 070022

 000008

 000000

 A86AB7

 A86AB7

 A458B7

 AC7CB7

 A145B7

 AF8FB7

 9D33B7

 B3A1B7

 9A21B7

 B6B3B7

 960EB7

 BAC6B7

 9300B7

 BDD8B7

 C1EAB7

 C5FCB7

 C8FFB7

# Harmonies

## Analogous

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



6C7BD0



A86AB7



C85D90

# Triad

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



A86AB7



A37B2A



00969E

# Complementary

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



A86AB7



79B76A

# 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.



009572



A86AB7



7C882D

# Square

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



A86AB7



C16A41



49914A



0092C2

# Rectangle

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



A86AB7



CF5B74



49914A



009690



# Sweetspot

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



A86AB7



E7CEED



6A79B7



746578



F7F7F7



787878



# Same Dimension

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



A86AB7



D677ED



B76AA0



5A535C



7D009C



17001C



# Inverse Universe

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



B76A79



ED778E



6AB781



5C5354



9C001E



1C0005



# Previews

## White Background



This preview shows how the Hex color A86AB7 looks on a white background.

## Color Contrast Check

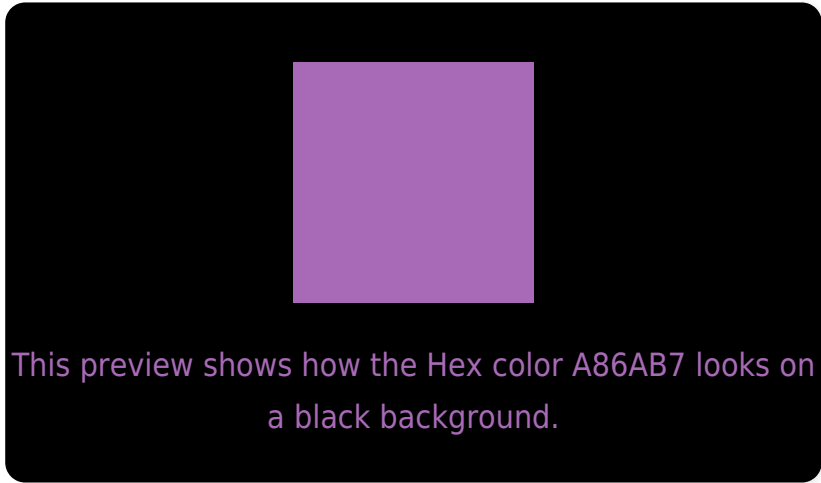
Large Text (above 18pt) WCAG AA ✓ Pass

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 A86AB7 Background



This preview shows how black text looks on a background with the Hex color A86AB7.

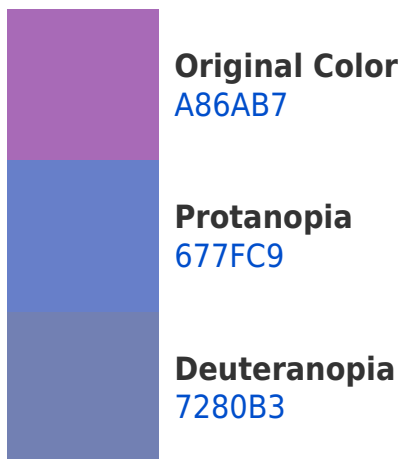



This preview shows how white text looks on a background with the Hex color A86AB7.

# 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**  
A0767F

# Trichromacy



**Original Color**  
A86AB7



**Protanomaly**  
7F77C2



**Deuteranomaly**  
8678B4



**Tritanomaly**  
A37293

# Monochromacy



**Original Color**  
A86AB7



**Achromatopsia**  
858585



**Achromatomaly**  
927B97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A86AB7 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 #A86AB7 looks like.

```
.text, #text, p{  
    color:#A86AB7  
}
```

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 #A86AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86AB7
}
```

## Border

The CSS property to change the border of an element to Hex A86AB7 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
#A86AB7 }
```

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

```
.border{ border-color:#A86AB7 }
```

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

Here you see how a box with a 4 pixel #A86AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86AB7; -webkit-box-shadow:4px 4px  
4px 4px #A86AB7; box-shadow:4px 4px 4px  
4px #A86AB7 }
```

# Background

The CSS property to change the background color of an element to Hex A86AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86AB7 }
```

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

```
.background{ background-color:#A86AB7 }
```

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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