

Converting Colors

Hex(A86BBF)

Have a look what the booklet for
Hex(A86BBF) contains.

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Color

Hex(A86BBF)

Conversions

Conversions Part 1

Format	Color
Hex	A86BBF
RGB	168, 107, 191
RGB Percent	66%, 42%, 75%
CMY	0.3412, 0.5804, 0.2510
CMYK	0.12, 0.44, 0.00, 0.25
HSL	284°, 40%, 58%
HSV	284°, 44%, 75%
XYZ	30.8101, 22.6018, 52.0289
YIQ	134.8150, 9.3920, 39.0560

Conversions

Conversions Part 2

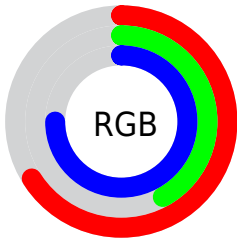
Format	Color
R_{YB}	168, 107, 191
Decimal	11037631
CIE _{Lab}	54.66, 38.90, -34.53
CIE _{LCh}	55, 52.018, 318.405
Yxy	22.6018, 0.2922, 0.2144
Android (android.graphics.Color)	4289227711 (0xFFA86BBF)
YUV	134.8150, 27.6992, 29.1032
Hunter-Lab	47.5414, 32.4831, -31.6076

Details

The Hex color **A86BBF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **82BF6B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E1A0F8**, and **723989** is the 20% darker color. If you saturate the color by 10%, you get **A358BF**, and if you desaturate by 10%, it is **AD7EBF**.

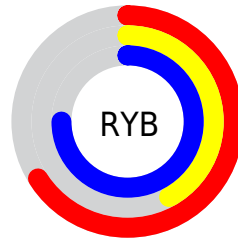
Distribution



Red (66%)

Green (42%)

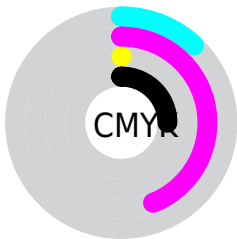
Blue (75%)



Red (66%)

Yellow (42%)

Blue (75%)

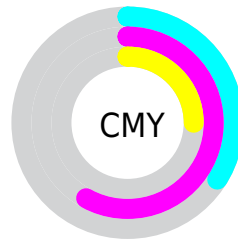


Cyan (12%)

Magenta (44%)

Yellow (0%)

Black (25%)



Cyan (34%)

Magenta (58%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color A86BBF 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 A86BBF by changing the saturation by 10% instead.

 A86BBF

 A86BBF

FFFFFF

 8D52A4

 E1A0F8

 723989

 FEBBF

 58216F

 FFD7FF

 3F0557

 FFF4FF

 27003F

 080028

 000112

 000000

 A86BBF

 A86BBF

 A358BF

 AD7EBF

 9E45BF

 B291BF

 9832BF

 B8A4BF

 931FBF

 BDB7BF

 8E0CBF

 C2CBBF

 8B00BF

 C7DEBF

 CDF1BF

 D2FFBF

 D7FFBF

Harmonies

Analogous

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



647ED8



A86BBF



CC5C96

Triad

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



A86BBF



A97A25



00999E

Complementary

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



A86BBF



82BF6B

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.



00976F



A86BBF



808925

Square

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



A86BBF



C86941



4B9244



0095C5

Rectangle

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



A86BBF



D55978



4B9244



00998F

Sweetspot

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



A86BBF



EFD7F7



6B83BF



77697D



FCFCFC



7D7D7D

Same Dimension

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



A86BBF



D374F7



BF6BAD



5C555E



73009E



16001F

Inverse Universe

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



BF6B82



F77498



6BBF7D



5E5557



9E002B



1F0008

Previews

White Background



This preview shows how the Hex color A86BBF looks on a white background.

Color Contrast Check

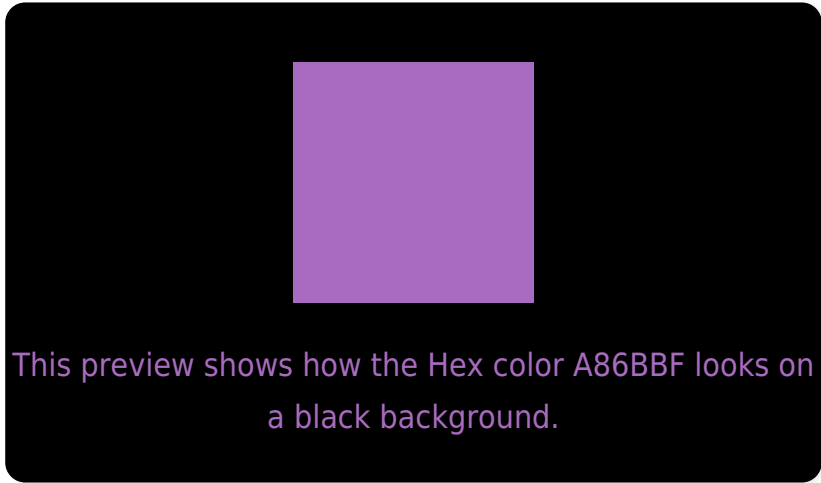
Large Text (above 18pt) WCAG AA ✓ Pass

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

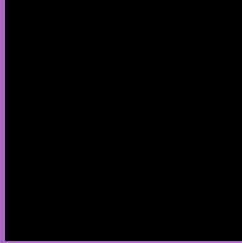
Any Text WCAG AA ✓ Pass

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 A86BBF Background



This preview shows how black text looks on a background with the Hex color A86BBF.

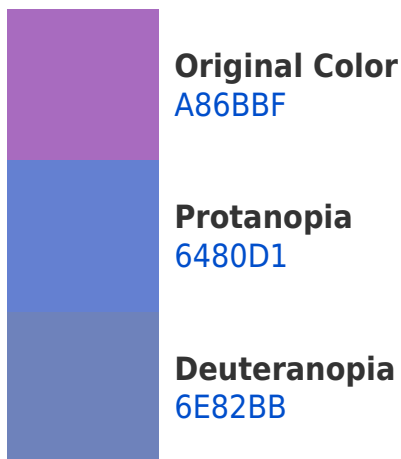


This preview shows how white text looks on a background with the Hex color A86BBF.

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](#).

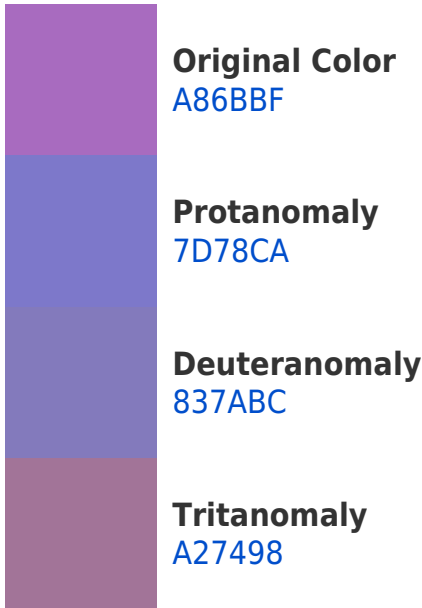
Dichromacy



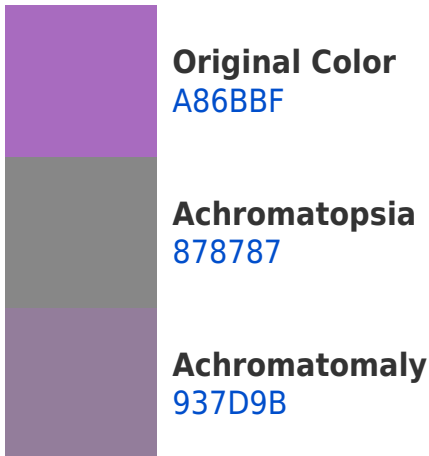


Tritanopia
9F7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A86BBF 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 #A86BBF looks like.

```
.text, #text, p{  
    color:#A86BBF  
}
```

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 #A86BBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86BBF
}
```

Border

The CSS property to change the border of an element to Hex A86BBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

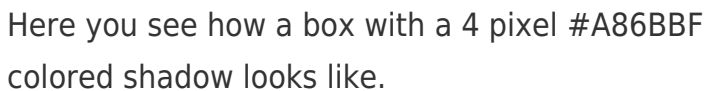
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A86BBF }
```

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

```
.border{ border-color:#A86BBF }
```

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



Here you see how a box with a 4 pixel #A86BBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86BBF; -webkit-box-shadow:4px 4px  
4px 4px #A86BBF; box-shadow:4px 4px 4px  
4px #A86BBF }
```

Background

The CSS property to change the background color of an element to Hex A86BBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86BBF }
```

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

```
.background{ background-color:#A86BBF }
```

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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