

# Converting Colors

Hex(A26BBA)

Have a look what the booklet for  
Hex(A26BBA) contains.

<b>Hex(A26BBA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A26BBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A26BBA
RGB	162, 107, 186
RGB Percent	64%, 42%, 73%
CMY	0.3647, 0.5804, 0.2706
CMYK	0.13, 0.42, 0.00, 0.27
HSL	282°, 36%, 57%
HSV	282°, 42%, 73%
XYZ	29.0209, 21.7419, 49.1214
YIQ	132.4510, 7.4210, 36.2290

# Conversions

## Conversions Part 2

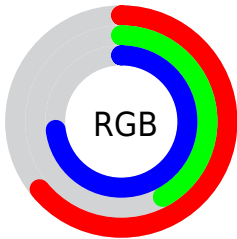
Format	Color
R <sub>Y</sub> B	162, 107, 186
Decimal	10644410
CIE Lab	53.75, 36.03, -33.13
CIE LCh	54, 48.947, 317.404
Yxy	21.7419, 0.2905, 0.2177
Android (android.graphics.Color)	4288834490 (0xFFA26BBA)
YUV	132.4510, 26.3997, 25.9145
Hunter-Lab	46.6283, 29.4970, -29.8204

# Details

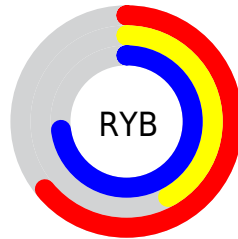
The Hex color **A26BBA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **83BA6B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **DAA0F2**, and **6D3A84** is the 20% darker color. If you saturate the color by 10%, you get **9C58BA**, and if you desaturate by 10%, it is **A87EBA**.

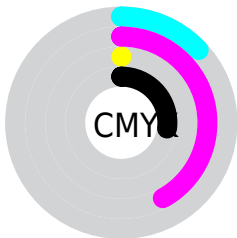
# Distribution



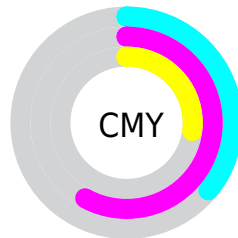
- Red (64%)
- Green (42%)
- Blue (73%)



- Red (64%)
- Yellow (42%)
- Blue (73%)



- Cyan (13%)
- Magenta (42%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (58%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A26BBA 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 A26BBA by changing the saturation by 10% instead.



 A26BBA

 A26BBA

FFFFFF

 87529F

 DAA0F2

 6D3A84

 F7BBFF

 53226B

 FFD7FF

 3A0852

 FFF4FF

 23003B

 000024

 00000C

 000000

 A26BBA

 A26BBA

9C58BA

A87EBA

9746BA

AD90BA

9133BA

B3A3BA

8B21BA

B9B5BA

860EBA

BEC8BA

8100BA

C4DBBA

CAEDBA

CFFFBA

D5FFBA

# Harmonies

## Analogous

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



627CD1



A26BBA



C55D94

# Triad

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



A26BBA



A6782A



009598

# Complementary

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



A26BBA



83BA6B

# 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.



00946D



A26BBA



80862A

# Square

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



A26BBA



C26844



4F8F45



0092BE

# Rectangle

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



A26BBA



CE5A78



4F8F45



00958A



# Sweetspot

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



A26BBA



E9D3F2



6B84BA



74677A



FAFAFA



7A7A7A



# Same Dimension

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



A26BBA



CD77F2



BA6BAC



59535C



6C009C



14001C



# Inverse Universe

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



BA6B83



F2779C



6BBA79



5C5355



9C002F

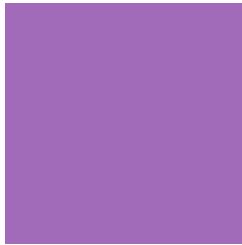


1C0009



# Previews

## White Background



This preview shows how the Hex color A26BBA looks on a white background.

## Color Contrast Check

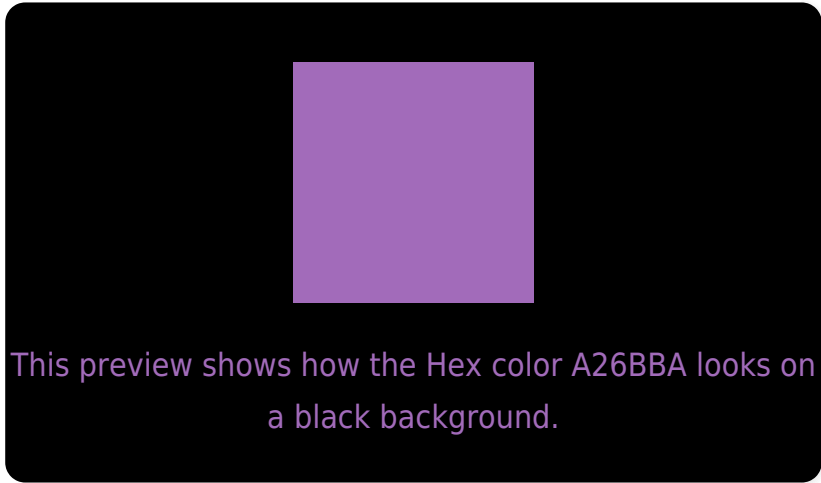
Large Text (above 18pt) WCAG AA ✓ Pass

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

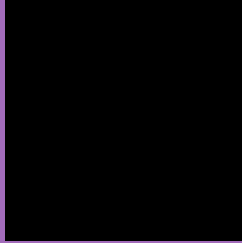
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A26BBA Background



This preview shows how black text looks on a background with the Hex color A26BBA.

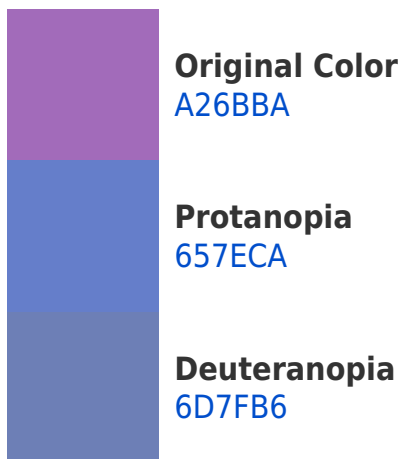


This preview shows how white text looks on a background with the Hex color A26BBA.

# 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](#).

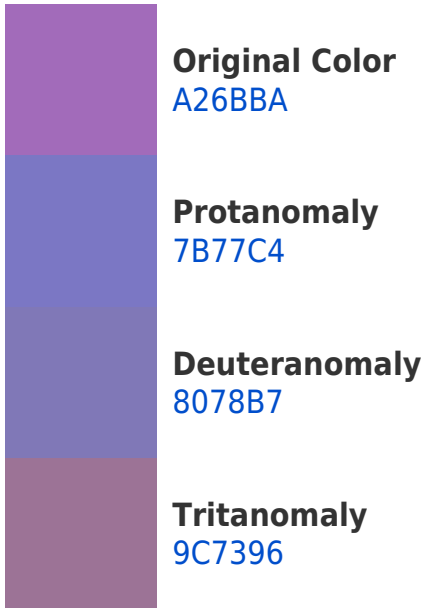
## Dichromacy



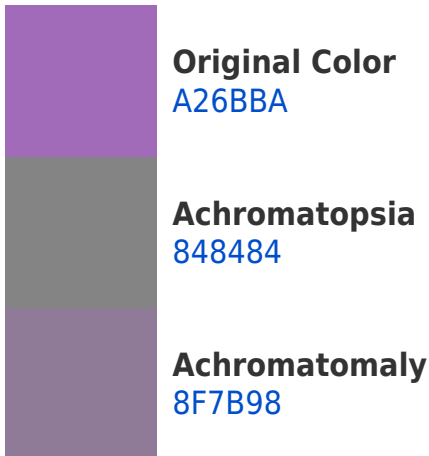


**Tritanopia**  
997881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A26BBA 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 #A26BBA looks like.

```
.text, #text, p{  
    color:#A26BBA  
}
```

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 #A26BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A26BBA
}
```

## Border

The CSS property to change the border of an element to Hex A26BBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

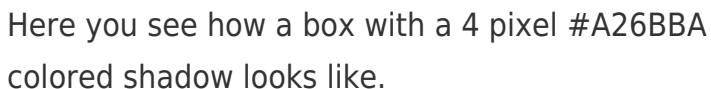
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A26BBA }
```

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

```
.border{ border-color:#A26BBA }
```

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



Here you see how a box with a 4 pixel #A26BBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A26BBA; -webkit-box-shadow:4px 4px  
4px 4px #A26BBA; box-shadow:4px 4px 4px  
4px #A26BBA }
```

# Background

The CSS property to change the background color of an element to Hex A26BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A26BBA }
```

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

```
.background{ background-color:#A26BBA }
```

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