

# Converting Colors

Hex(A286C7)

Have a look what the booklet for  
Hex(A286C7) contains.

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# Color

**Hex(A286C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A286C7
RGB	162, 134, 199
RGB Percent	64%, 53%, 78%
CMY	0.3647, 0.4745, 0.2196
CMYK	0.19, 0.33, 0.00, 0.22
HSL	266°, 37%, 65%
HSV	266°, 33%, 78%
XYZ	33.7342, 28.8551, 57.8244
YIQ	149.7820, -4.1770, 26.1510

# Conversions

## Conversions Part 2

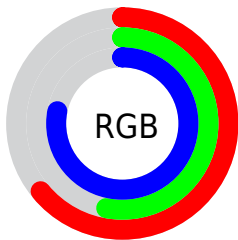
Format	Color
<a href="#">RYB</a>	<a href="#">162, 134, 199</a>
Decimal	<a href="#">10651335</a>
CIELab	<a href="#">60.65, 23.61, -29.80</a>
CIELCh	<a href="#">61, 38.017, 308.383</a>
Yxy	<a href="#">28.8551, 0.2802, 0.2396</a>
Android (android.graphics.Color)	<a href="#">4288841415 (0xFFA286C7)</a>
YUV	<a href="#">149.7820, 24.2645, 10.7152</a>
Hunter-Lab	<a href="#">53.7169, 18.0932, -26.2218</a>

# Details

The Hex color **A286C7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ABC786**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **DABBFF**, and **6D5491** is the 20% darker color. If you saturate the color by 10%, you get **9772C7**, and if you desaturate by 10%, it is **AD9AC7**.

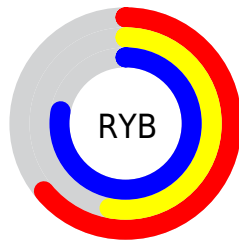
# Distribution



Red (64%)

Green (53%)

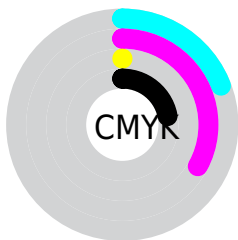
Blue (78%)



Red (64%)

Yellow (53%)

Blue (78%)

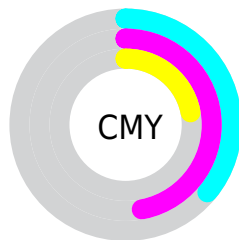


Cyan (19%)

Magenta (33%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (47%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A286C7 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 A286C7 by changing the saturation by 10% instead.



 A286C7

 A286C7

FFFFFF

 876DAC

 DABBFF

 6D5491

 F6D7FF

 543D77

 FFF4FF

 3C265E

 241146

 120030

 00011A

 000000

 A286C7

 A286C7

9772C7

AD9AC7

8B5EC7

B9AEC7

804AC7

C4C2C7

7536C7

CFD6C7

6923C7

DBEAC7

5E0FC7

E6FDC7

5600C7

F1FFC7

FDFFC7

FFFFC7

# Harmonies

## Analogous

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



6F92D4



A286C7



C47BAC

# Triad

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



A286C7



BC8854



00A49B

# Complementary

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



A286C7



ABC786

# 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.



4FA278



A286C7



9E934F

# Square

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



A286C7



CF7D6A



7A9C5C



00A2BB

# Rectangle

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



A286C7



D07895



7A9C5C



26A48F



# Sweetspot

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



A286C7



F0E6FF



86ACC7



777080



000000



808080



# Same Dimension

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



A286C7



C69CFF



C286C7



5E5A63



4600A3



0F0024



# Inverse Universe

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



C786AB



FF9CD4



8BC786



635A5F



A3005D

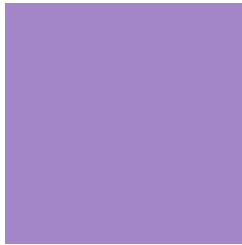


240014



# Previews

## White Background



This preview shows how the Hex color A286C7 looks on a white background.

## Color Contrast Check

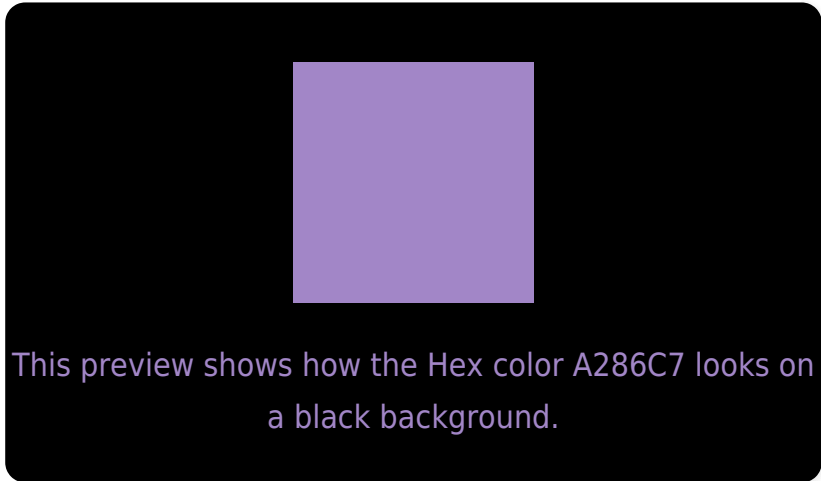
Large Text (above 18pt) WCAG AA ✓ Pass

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 A286C7 Background



This preview shows how black text looks on a background with the Hex color A286C7.



This preview shows how white text looks on a background with the Hex color A286C7.

# 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](#).

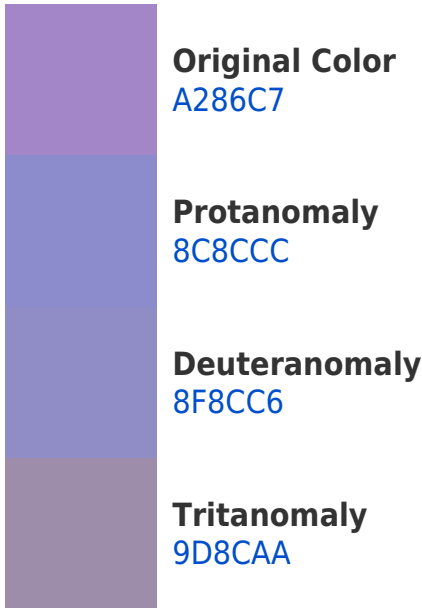
## Dichromacy



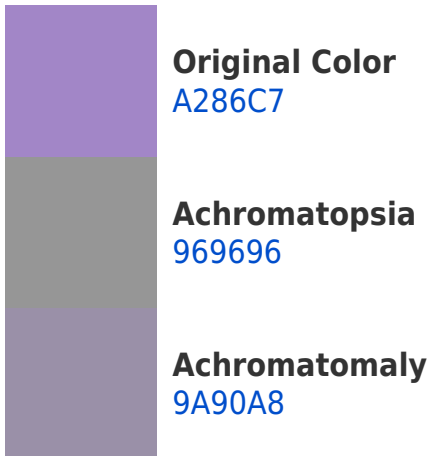


**Tritanopia**  
9A8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A286C7 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 #A286C7 looks like.

```
.text, #text, p{  
    color:#A286C7  
}
```

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 #A286C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A286C7
}
```

## Border

The CSS property to change the border of an element to Hex A286C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

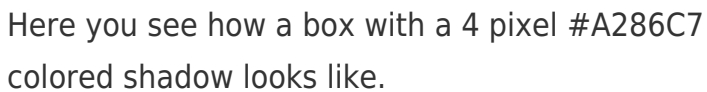
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A286C7 }
```

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

```
.border{ border-color:#A286C7 }
```

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



Here you see how a box with a 4 pixel `#A286C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A286C7; -webkit-box-shadow:4px 4px  
4px 4px #A286C7; box-shadow:4px 4px 4px  
4px #A286C7 }
```

# Background

The CSS property to change the background color of an element to Hex A286C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A286C7 }
```

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

```
.background{ background-color:#A286C7 }
```

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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