

# Converting Colors

Hex(A267C8)

Have a look what the booklet for  
Hex(A267C8) contains.

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# Color

**Hex(A267C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A267C8
RGB	162, 103, 200
RGB Percent	64%, 40%, 78%
CMY	0.3647, 0.5961, 0.2157
CMYK	0.19, 0.48, 0.00, 0.22
HSL	276°, 47%, 59%
HSV	276°, 48%, 78%
XYZ	30.1759, 21.5520, 57.2131
YIQ	131.6990, 4.0270, 42.6750

# Conversions

## Conversions Part 2

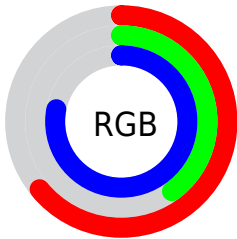
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 103, 200
Decimal	10643400
CIELab	53.55, 41.32, -41.48
CIElCh	54, 58.547, 314.890
Yxy	21.5520, 0.2770, 0.1978
Android (android.graphics.Color)	4288833480 (0xFFA267C8)
YUV	131.6990, 33.6724, 26.5740
Hunter-Lab	46.4241, 34.7834, -40.5721

# Details

The Hex color **A267C8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8DC867**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DB9CFF**, and **6C3591** is the 20% darker color. If you saturate the color by 10%, you get **9A53C8**, and if you desaturate by 10%, it is **AA7BC8**.

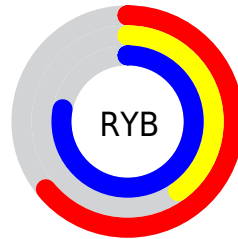
# Distribution



Red (64%)

Green (40%)

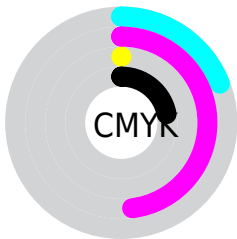
Blue (78%)



Red (64%)

Yellow (40%)

Blue (78%)

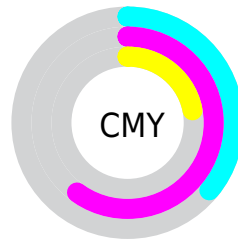


Cyan (19%)

Magenta (48%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (60%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A267C8 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 A267C8 by changing the saturation by 10% instead.



 A267C8

 A267C8

FFFFFF

 874EAC

 DB9CFF

 6C3591

 F8B7FF

 521C77

 FFD3FF

 38005E

 FFF0FF

 1F0046

 00002F

 000119

 000000

 A267C8

 A267C8

 9A53C8

 AA7BC8

 923FC8

 B28FC8

 8A2BC8

 BAA3C8

 8317C8

 C1B7C8

 7B03C8

 C9CBC8

 7A00C8

 D1DFC8

 D9F3C8

 E1FFC8

 E9FFC8

# Harmonies

## Analogous

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



487DE2



A267C8



CE529C

# Triad

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



A267C8



AE7412



009898

# Complementary

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



A267C8



8DC867

# 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.



009664



A267C8



818508

# Square

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



A267C8



CE5F3A



469033



0095C6

# Rectangle

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



A267C8



D94D7A



469033



009787



# Sweetspot

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



A267C8



F0D9FF



678EC8



776980



000000



808080



# Same Dimension

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



A267C8



C56BFF



C867BE



605A63



6300A3



160024



# Inverse Universe

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



C8678D



FF6BA5



67C871



635A5D



A30040

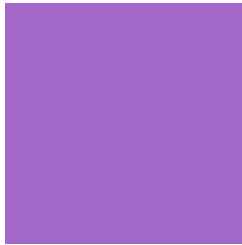


24000E



# Previews

## White Background



This preview shows how the Hex color A267C8 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

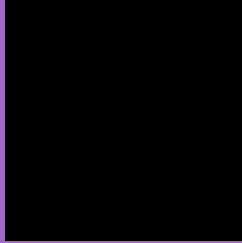
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A267C8 Background



This preview shows how black text looks on a background with the Hex color A267C8.

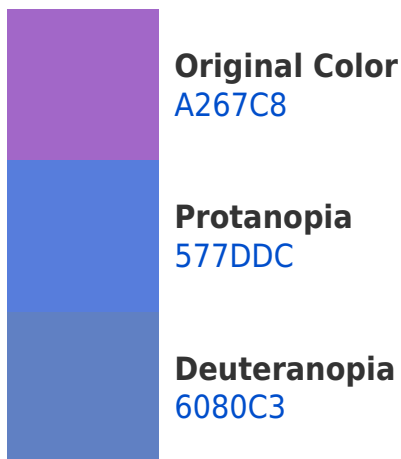


This preview shows how white text looks on a background with the Hex color A267C8.

# 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](#).

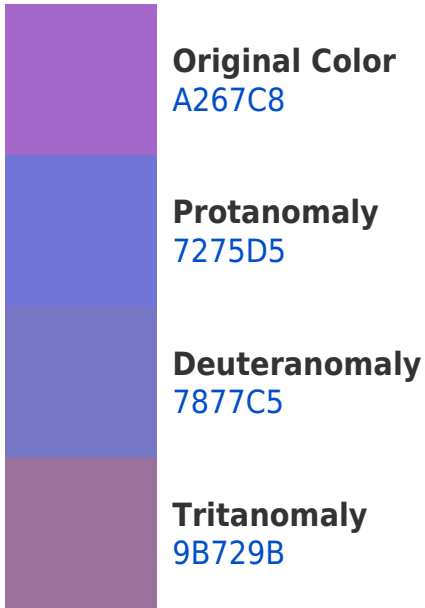
## Dichromacy



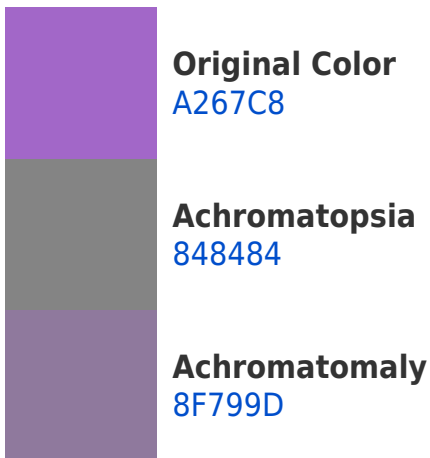


**Tritanopia**  
977881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A267C8 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 #A267C8 looks like.

```
.text, #text, p{  
    color:#A267C8  
}
```

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 #A267C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A267C8
}
```

## Border

The CSS property to change the border of an element to Hex A267C8 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
#A267C8 }
```

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

```
.border{ border-color:#A267C8 }
```

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

Here you see how a box with a 4 pixel #A267C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A267C8; -webkit-box-shadow:4px 4px  
4px 4px #A267C8; box-shadow:4px 4px 4px  
4px #A267C8 }
```

# Background

The CSS property to change the background color of an element to Hex A267C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A267C8 }
```

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

```
.background{ background-color:#A267C8 }
```

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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