

# Converting Colors

Hex(A527BF)

Have a look what the booklet for  
Hex(A527BF) contains.

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**Color**

**Hex(A527BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A527BF
RGB	165, 39, 191
RGB Percent	65%, 15%, 75%
CMY	0.3529, 0.8471, 0.2510
CMYK	0.14, 0.80, 0.00, 0.25
HSL	290°, 66%, 45%
HSV	290°, 80%, 75%
XYZ	25.6465, 13.2120, 50.4887
YIQ	94.0020, 26.3040, 73.9840

# Conversions

## Conversions Part 2

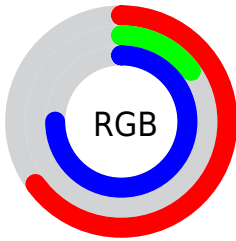
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 39, 191
Decimal	10823615
CIE <sub>Lab</sub>	43.08, 68.44, -52.94
CIE <sub>LCh</sub>	43, 86.523, 322.278
Yxy	13.2120, 0.2870, 0.1479
Android (android.graphics.Color)	4289013695 (0xFFA527BF)
YUV	94.0020, 47.8200, 62.2652
Hunter-Lab	36.3483, 62.3363, -56.9115

# Details

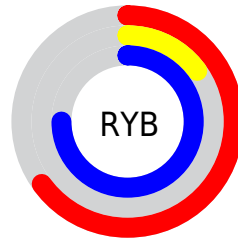
The Hex color **A527BF** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **41BF27**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E064F8**, and **6C0089** is the 20% darker color. If you saturate the color by 10%, you get **A214BF**, and if you desaturate by 10%, it is **A83ABF**.

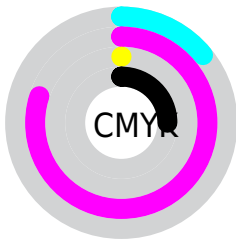
# Distribution



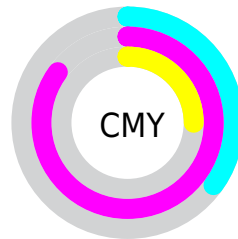
- Red (65%)
- Green (15%)
- Blue (75%)



- Red (65%)
- Yellow (15%)
- Blue (75%)



- Cyan (14%)
- Magenta (80%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (85%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A527BF 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 A527BF by changing the saturation by 10% instead.



 A527BF

 A527BF

FFFFFF

 8800A3

 E064F8

 6C0089

 FE80FF

 50006E

 FF9DFF

 350055

 FFB9FF

 17003D

 FFD7FF

 000326

 FFF4FF

 00010F

 000000

 A527BF

 A527BF

 A214BF

 A83ABF

 9E01BF

 AC4DBF

 9E00BF

 AF60BF

 B273BF

 B587BF

 B99ABF

 BCADBFB

 BFC0BF

 C2D3BF

# Harmonies

## Analogous

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



005CED



A527BF



D6007C

# Triad

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



A527BF



8C5D00



00829B

# Complementary

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



A527BF



41BF27

# 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.



008050



A527BF



497200

# Square

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



A527BF



BE3300



007C00



0080D8

# Rectangle

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



A527BF



DC004C



007C00



008283



# Sweetspot

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



A527BF



EDBC7



2743BF



77597D



FCFCFC



7D7D7D



# Same Dimension

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



A527BF



CF0CF7



BF278F



5D555E



83009E



19001F



# Inverse Universe

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



BF2741



F70C35



27BF57



5E5557



9E001B



1F0005



# Previews

## White Background



This preview shows how the Hex color A527BF looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

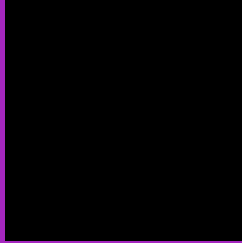
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A527BF Background



This preview shows how black text looks on a background with the Hex color A527BF.

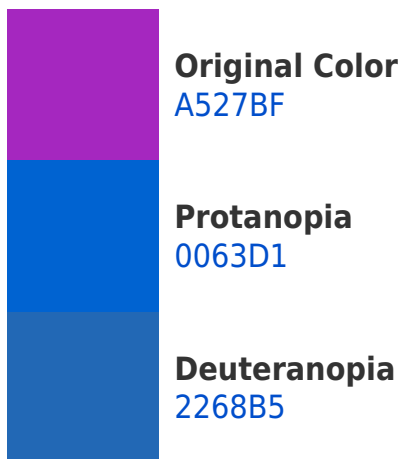


This preview shows how white text looks on a background with the Hex color A527BF.

# 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](#).

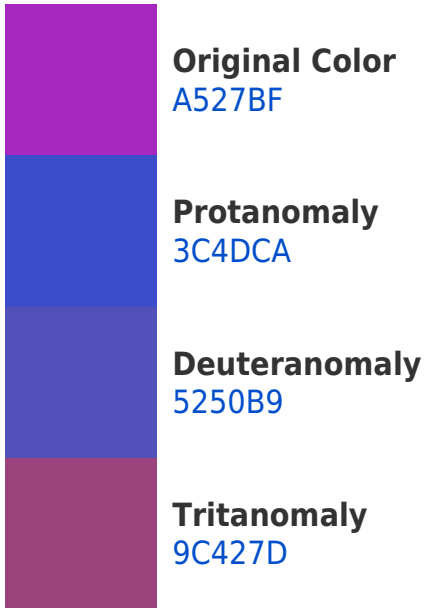
## Dichromacy



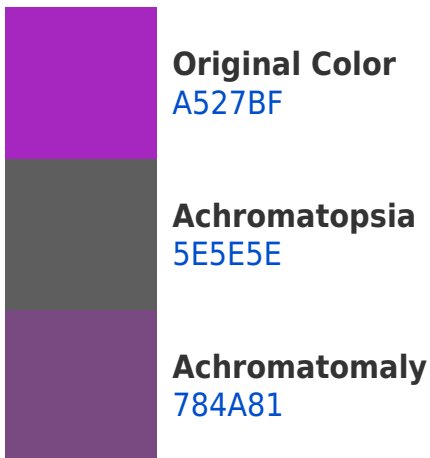


**Tritanopia**  
975157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A527BF 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 #A527BF looks like.

```
.text, #text, p{  
    color:#A527BF  
}
```

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 #A527BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A527BF
}
```

## Border

The CSS property to change the border of an element to Hex A527BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

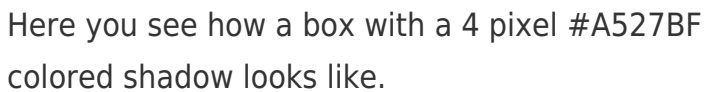
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A527BF }
```

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

```
.border{ border-color:#A527BF }
```

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



Here you see how a box with a 4 pixel #A527BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A527BF; -webkit-box-shadow:4px 4px  
4px 4px #A527BF; box-shadow:4px 4px 4px  
4px #A527BF }
```

# Background

The CSS property to change the background color of an element to Hex A527BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A527BF }
```

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

```
.background{ background-color:#A527BF }
```

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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