

# Converting Colors

Hex(A527A1)

Have a look what the booklet for  
Hex(A527A1) contains.

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# Color

**Hex(A527A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A527A1
RGB	165, 39, 161
RGB Percent	65%, 15%, 63%
CMY	0.3529, 0.8471, 0.3686
CMYK	0.00, 0.76, 0.02, 0.35
HSL	302°, 62%, 40%
HSV	302°, 76%, 65%
XYZ	22.6756, 12.0236, 34.8439
YIQ	90.5820, 35.9340, 64.6540

# Conversions

## Conversions Part 2

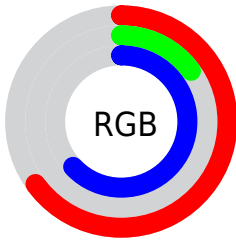
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 39, 161
Decimal	10823585
CIE <sub>Lab</sub>	41.25, 63.32, -38.09
CIE <sub>LCh</sub>	41, 73.895, 328.975
Yxy	12.0236, 0.3261, 0.1729
Android (android.graphics.Color)	4289013665 (0xFFA527A1)
YUV	90.5820, 34.7161, 65.2646
Hunter-Lab	34.6750, 56.0480, -35.3061

# Details

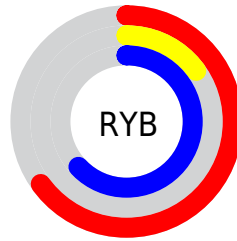
The Hex color **A527A1** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **27A52B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **DF63D8**, and **6D006D** is the 20% darker color. If you saturate the color by 10%, you get **A516A0**, and if you desaturate by 10%, it is **A537A2**.

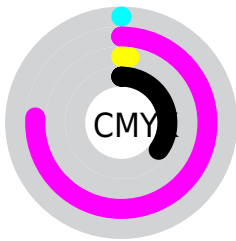
# Distribution



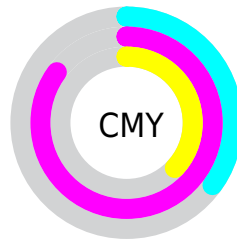
- Red (65%)
- Green (15%)
- Blue (63%)



- Red (65%)
- Yellow (15%)
- Blue (63%)



- Cyan (0%)
- Magenta (76%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (85%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A527A1 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 A527A1 by changing the saturation by 10% instead.



 A527A1

 A527A1

FFFFFF

 890086

 DF63D8

 6D006D

 FD7FF5

 520054

 FF9BFF

 39003C

 FFB7FF

 1C0026

 FFD4FF

 00010E

 FFF2FF

 000000

 A527A1

 A527A1

 A516A0

 A537A2

 A506A0

 A548A2

 A500A0

 A558A3

 A569A3

 A579A4

 A58AA4

 A59AA5

 A5ABA5

 A5BBA6

# Harmonies

## Analogous

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



4E52CD



A527A1



C50066

# Triad

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



A527A1



795E00



007A9B

# Complementary

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



A527A1



27A52B

# 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.



00795D



A527A1



3B6E00

# Square

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



A527A1



A64300



00761A



0076CA

# Rectangle

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



A527A1



C7003E



00761A



007A87



# Sweetspot

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



A527A1



D6A5D5



2927A5



6B4D6A



EBEBEB



6B6B6B



# Same Dimension

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



A527A1



D611D0



A52764



524951



91008D



120011



# Inverse Universe

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



A527A1



D611D0



27A568



524951



91008D



120011



# Previews

## White Background



This preview shows how the Hex color A527A1 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

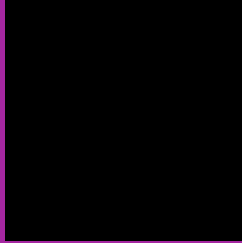
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A527A1 Background



This preview shows how black text looks on a background with the Hex color A527A1.

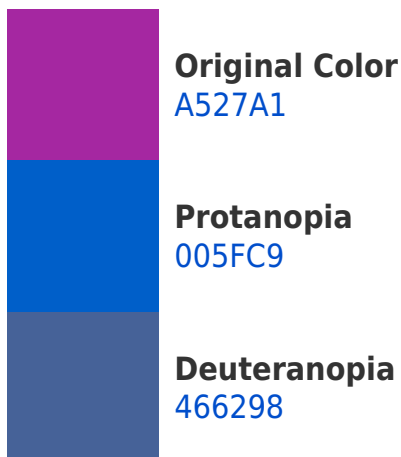



This preview shows how white text looks on a background with the Hex color A527A1.

# 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](#).

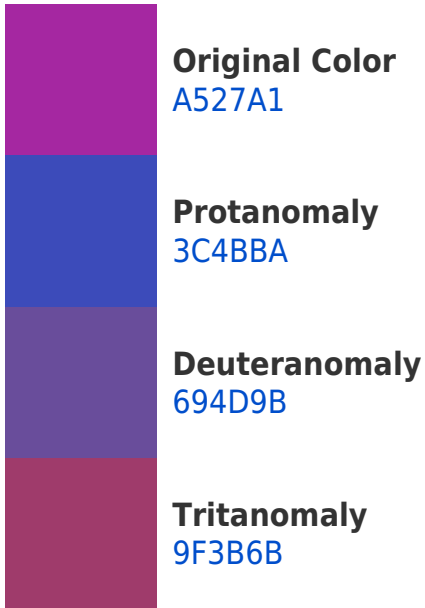
## Dichromacy



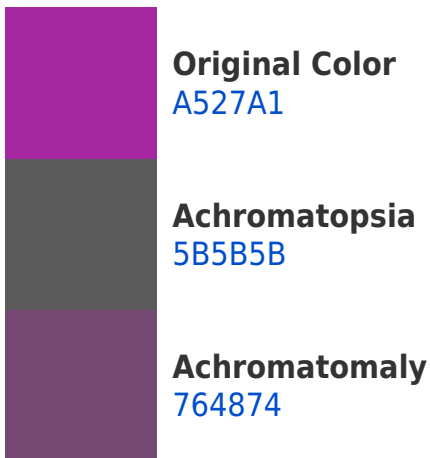


**Tritanopia**  
9C474C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A527A1 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 #A527A1 looks like.

```
.text, #text, p{  
    color:#A527A1  
}
```

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 #A527A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A527A1
}
```

## Border

The CSS property to change the border of an element to Hex A527A1 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".

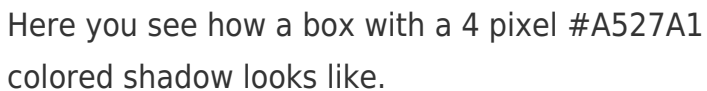
```
.border, #border, table{ border:4px solid
#A527A1 }
```

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

```
.border{ border-color:#A527A1 }
```

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

Here you see how a box with a 4 pixel #A527A1 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A527A1; -webkit-box-shadow:4px 4px  
4px 4px #A527A1; box-shadow:4px 4px 4px  
4px #A527A1 }
```

# Background

The CSS property to change the background color of an element to Hex A527A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A527A1 }
```

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

```
.background{ background-color:#A527A1 }
```

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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