

# Converting Colors

Hex(A231A2)

Have a look what the booklet for  
Hex(A231A2) contains.

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**Color**

**Hex(A231A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A231A2
RGB	162, 49, 162
RGB Percent	64%, 19%, 64%
CMY	0.3647, 0.8078, 0.3647
CMYK	0.00, 0.70, 0.00, 0.36
HSL	300°, 54%, 41%
HSV	300°, 70%, 64%
XYZ	22.5202, 12.4866, 35.4056
YIQ	95.6690, 31.0750, 59.0990

# Conversions

## Conversions Part 2

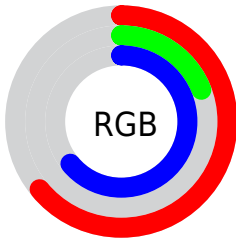
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">162, 49, 162</a>
Decimal	<a href="#">10629538</a>
CIELab	<a href="#">41.98, 59.48, -37.57</a>
CIELCh	<a href="#">42, 70.354, 327.726</a>
Yxy	<a href="#">12.4866, 0.3198, 0.1773</a>
Android (android.graphics.Color)	<a href="#">4288819618</a> ( <a href="#">0xFFA231A2</a> )
YUV	<a href="#">95.6690, 32.7012, 58.1723</a>
Hunter-Lab	<a href="#">35.3364, 51.9207, -34.6706</a>

# Details

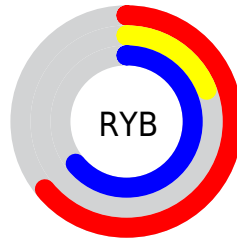
The Hex color **A231A2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31A231**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **DC69D9**, and **6B006E** is the 20% darker color. If you saturate the color by 10%, you get **A221A2**, and if you desaturate by 10%, it is **A241A2**.

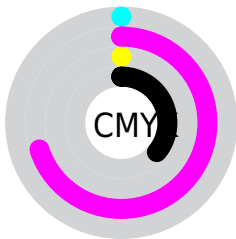
# Distribution



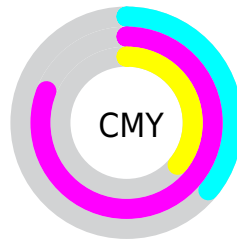
- Red (64%)
- Green (19%)
- Blue (64%)



- Red (64%)
- Yellow (19%)
- Blue (64%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (81%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A231A2 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 A231A2 by changing the saturation by 10% instead.



 A231A2

 A231A2

FFFFFF

 860B87

 DC69D9

 6B006E

 F985F6

 500055

 FFA1FF

 37003D

 FFBDFE

 1A0026

 FFDAFF

 00010F

 FFF8FF

 000000

 A231A2

 A231A2

 A221A2

 A241A2

 A211A2

 A251A2

 A200A2

 A262A2

 A272A2

 A282A2

 A292A2

 A2A2A2

 A2B3A2

 A2C3A2

# Harmonies

## Analogous

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



4D56CB



A231A2



C3006A

# Triad

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



A231A2



7D5F00



007B98

# Complementary

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



A231A2



31A231

# 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.



007B5D



A231A2



436F00

# Square

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



A231A2



A74500



00771D



0078C6

# Rectangle

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



A231A2



C50844



00771D



007B85



# Sweetspot

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



A231A2



D4A7D4



3131A2



6B506B



EBEBEB



6B6B6B



# Same Dimension

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



A231A2



D422D4



A2316A



524952



910091



120012



# Inverse Universe

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



A231A2



D422D4



31A26A



524952



910091



120012



# Previews

## White Background



This preview shows how the Hex color A231A2 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

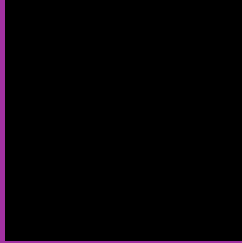
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A231A2 Background



This preview shows how black text looks on a background with the Hex color A231A2.

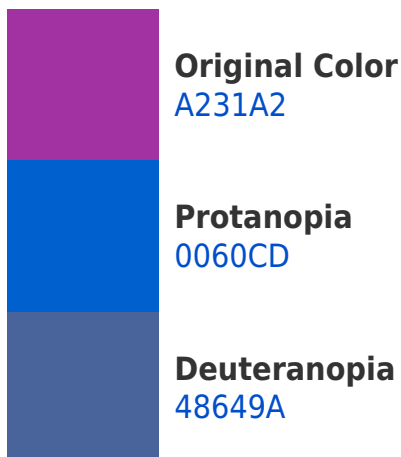


This preview shows how white text looks on a background with the Hex color A231A2.

# 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](#).

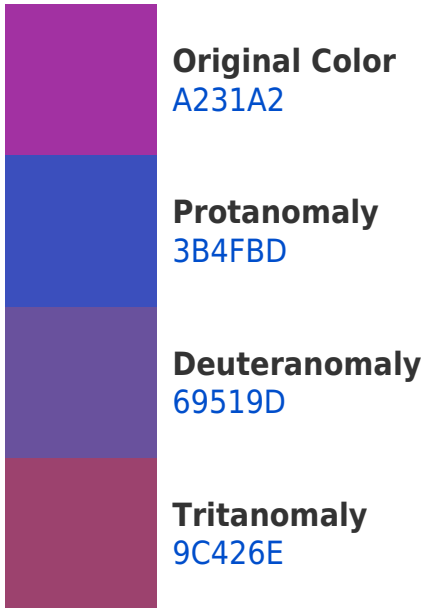
## Dichromacy



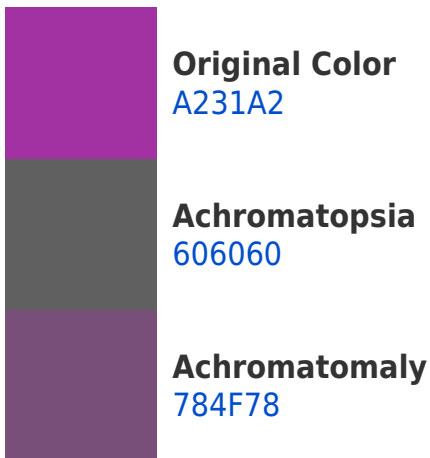


**Tritanopia**  
994C51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A231A2 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 #A231A2 looks like.

```
.text, #text, p{  
    color:#A231A2  
}
```

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 #A231A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A231A2
}
```

## Border

The CSS property to change the border of an element to Hex A231A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

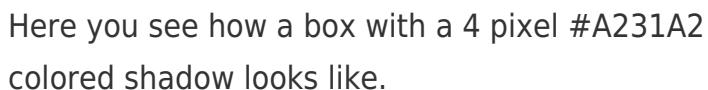
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A231A2 }
```

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

```
.border{ border-color:#A231A2 }
```

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



Here you see how a box with a 4 pixel #A231A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A231A2; -webkit-box-shadow:4px 4px  
4px 4px #A231A2; box-shadow:4px 4px 4px  
4px #A231A2 }
```

# Background

The CSS property to change the background color of an element to Hex A231A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A231A2 }
```

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

```
.background{ background-color:#A231A2 }
```

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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