

# Converting Colors

Hex(A64BA2)

Have a look what the booklet for  
Hex(A64BA2) contains.

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# Color

**Hex(A64BA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A64BA2
RGB	166, 75, 162
RGB Percent	65%, 29%, 64%
CMY	0.3490, 0.7059, 0.3647
CMYK	0.00, 0.55, 0.02, 0.35
HSL	303°, 38%, 47%
HSV	303°, 55%, 65%
XYZ	24.7635, 15.7478, 35.9169
YIQ	112.1270, 26.3090, 46.3490

# Conversions

## Conversions Part 2

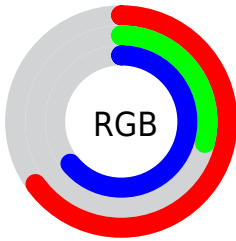
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 75, 162
Decimal	10898338
CIE <sub>Lab</sub>	46.64, 49.34, -30.19
CIE <sub>LCh</sub>	47, 57.840, 328.540
Yxy	15.7478, 0.3240, 0.2060
Android (android.graphics.Color)	4289088418 (0xFFA64BA2)
YUV	112.1270, 24.5874, 47.2466
Hunter-Lab	39.6835, 41.9427, -25.8840

# Details

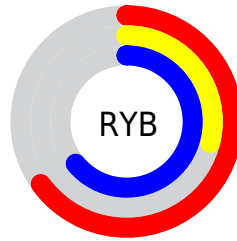
The Hex color **A64BA2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4BA64F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **DF80D9**, and **6F126E** is the 20% darker color. If you saturate the color by 10%, you get **A63AA1**, and if you desaturate by 10%, it is **A65CA3**.

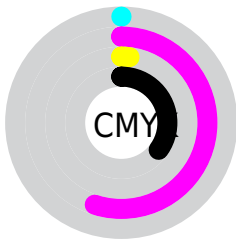
# Distribution



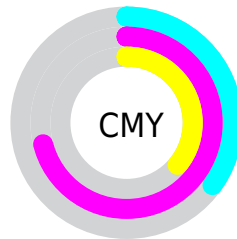
- Red (65%)
- Green (29%)
- Blue (64%)



- Red (65%)
- Yellow (29%)
- Blue (64%)



- Cyan (0%)
- Magenta (55%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (71%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64BA2 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 A64BA2 by changing the saturation by 10% instead.



 A64BA2

 A64BA2

FFFFFF

 8A3088

 DF80D9

 6F126E

 FC9BF6

 550055

 FFB7FF

 3B003E

 FFD3FF

 240027

 FFF0FF

 000110

 000000

 A64BA2

 A64BA2

 A63AA1

 A65CA3

 A62AA1

 A66CA3

 A619A0

 A67DA4

 A6099F

 A68DA5

 A6009F

 A69EA6

 A6AFA6

 A6BFA7

 A6D0A8

 A6E0A9

# Harmonies

## Analogous

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



6763C5



A64BA2



C23B73

# Triad

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



A64BA2



876C00



00849C

# Complementary

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



A64BA2



4BA64F

# 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.



00846B



A64BA2



577903

# Square

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



A64BA2



AC5817



008138



0080C1

# Rectangle

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



A64BA2



C43D53



008138



00858C



# Sweetspot

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



A64BA2



D9B6D7



4E4BA6



6E596D



EDEDED



6E6E6E



# Same Dimension

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



A64BA2



D94AD2



A64B75



544C54



94008D



140014



# Inverse Universe

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



A64BA2



D94AD2



4BA67C



544C54



94008D

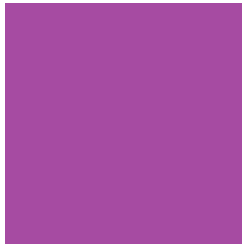


140014



# Previews

## White Background



This preview shows how the Hex color A64BA2 looks on a white background.

## Color Contrast Check

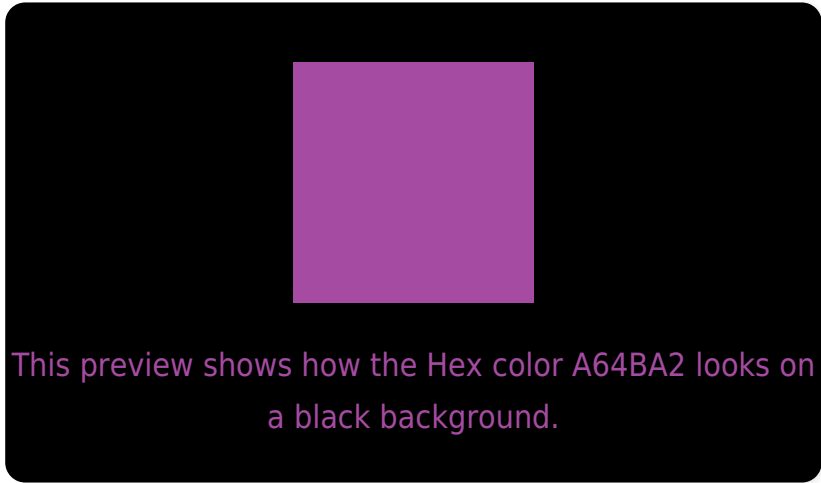
Large Text (above 18pt) WCAG AA ✓ Pass

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 A64BA2 Background



This preview shows how black text looks on a background with the Hex color A64BA2.

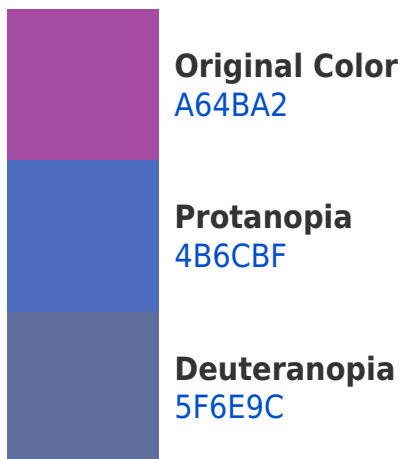


This preview shows how white text looks on a background with the Hex color A64BA2.

# 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**  
9E5B62

# Trichromacy



**Original Color**  
A64BA2



**Protanomaly**  
6C60B4



**Deuteranomaly**  
79619E



**Tritanomaly**  
A15579

# Monochromacy



**Original Color**  
A64BA2



**Achromatopsia**  
707070



**Achromatomaly**  
846382

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64BA2 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 #A64BA2 looks like.

```
.text, #text, p{  
    color:#A64BA2  
}
```

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 #A64BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64BA2
}
```

## Border

The CSS property to change the border of an element to Hex A64BA2 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".

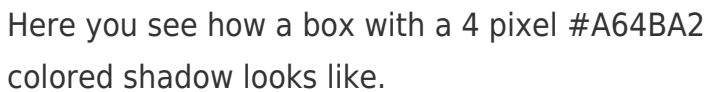
```
.border, #border, table{ border:4px solid
#A64BA2 }
```

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

```
.border{ border-color:#A64BA2 }
```

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

Here you see how a box with a 4 pixel #A64BA2 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, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64BA2; -webkit-box-shadow:4px 4px  
4px 4px #A64BA2; box-shadow:4px 4px 4px  
4px #A64BA2 }
```

# Background

The CSS property to change the background color of an element to Hex A64BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64BA2 }
```

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

```
.background{ background-color:#A64BA2 }
```

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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