

# Converting Colors

Hex(A64C9A)

Have a look what the booklet for  
Hex(A64C9A) contains.

<b>Hex(A64C9A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A64C9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A64C9A
RGB	166, 76, 154
RGB Percent	65%, 30%, 60%
CMY	0.3490, 0.7020, 0.3961
CMYK	0.00, 0.54, 0.07, 0.35
HSL	308°, 37%, 47%
HSV	308°, 54%, 65%
XYZ	24.1431, 15.6090, 32.3122
YIQ	111.8020, 28.6020, 43.3380

# Conversions

## Conversions Part 2

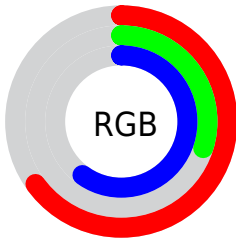
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 76, 154</a>
Decimal	<a href="#">10898586</a>
CIELab	<a href="#">46.46, 47.44, -25.72</a>
CIELCh	<a href="#">46, 53.966, 331.539</a>
Yxy	<a href="#">15.6090, 0.3350, 0.2166</a>
Android (android.graphics.Color)	<a href="#">4289088666 (0xFFA64C9A)</a>
YUV	<a href="#">111.8020, 20.8036, 47.5316</a>
Hunter-Lab	<a href="#">39.5082, 39.9403, -20.8352</a>

# Details

The Hex color **A64C9A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4CA658**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **DF81D1**, and **701567** is the 20% darker color. If you saturate the color by 10%, you get **A63B98**, and if you desaturate by 10%, it is **A65D9C**.

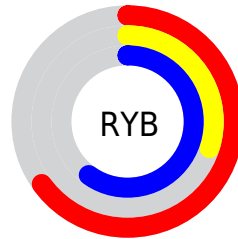
# Distribution



Red (65%)

Green (30%)

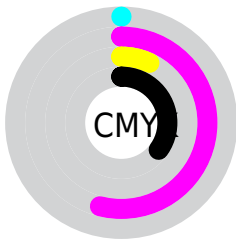
Blue (60%)



Red (65%)

Yellow (30%)

Blue (60%)

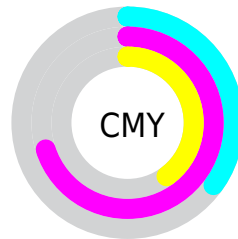


Cyan (0%)

Magenta (54%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (70%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64C9A 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 A64C9A by changing the saturation by 10% instead.



 A64C9A

 A64C9A

FFFFFF

 8A3280

 DF81D1

 701567

 FC9CED

 55004E

 FFB8FF

 3C0037

 FFD4FF

 250021

 FFF1FF

 000006

 000000

 A64C9A

 A64C9A

 A63B98

 A65D9C

 A62B96

 A66D9E

 A61A93

 A67EA1

 A60A91

 A68EA3

 A60090

 A69FA5

 A6B0A7

 A6C0A9

 A6D1AC

 A6E1AE

# Harmonies

## Analogous

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



7061BC



A64C9A



BD406E

# Triad

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



A64C9A



826D00



00829C

# Complementary

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



A64C9A



4CA658

# 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.



00836F



A64C9A



547916

# Square

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



A64C9A



A55B1A



008040



007EBD

# Rectangle

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



A64C9A



BE4350



008040



00838E



# Sweetspot

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



A64C9A



D9B6D4



584CA6



6E596B



EDEDED



6E6E6E



# Same Dimension

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



A64C9A



D94CC6



A64C6D



544C53



940080



140012



# Inverse Universe

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



A64C9A



D94CC6



4CA685



544C53



940080



140012



# Previews

## White Background



This preview shows how the Hex color A64C9A looks on a white background.

## Color Contrast Check

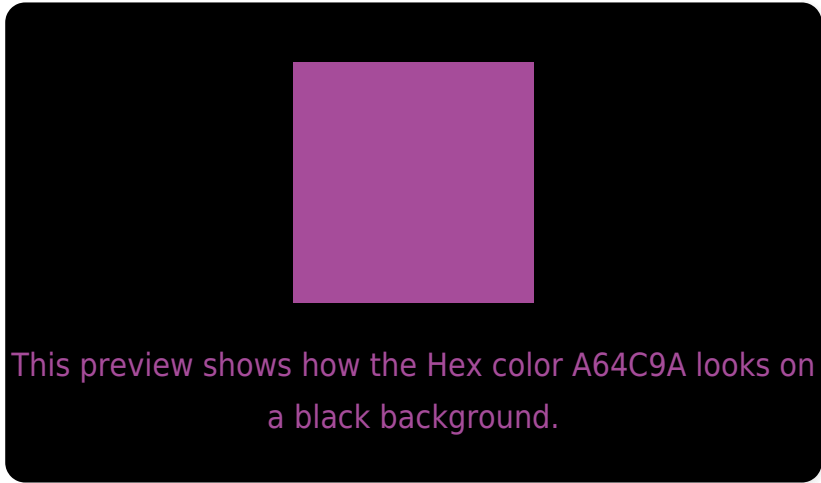
Large Text (above 18pt) WCAG AA ✓ Pass

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

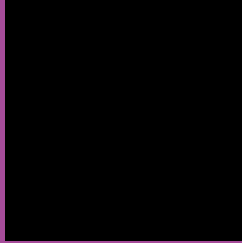
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A64C9A Background



This preview shows how black text looks on a background with the Hex color A64C9A.

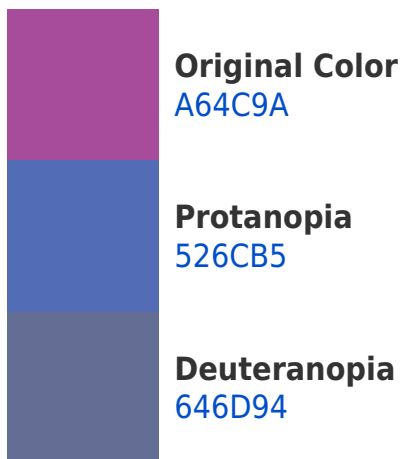



This preview shows how white text looks on a background with the Hex color A64C9A.

# 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**  
A05A61

# Trichromacy



**Original Color**  
A64C9A



**Protanomaly**  
7160AB



**Deuteranomaly**  
7C6196



**Tritanomaly**  
A25576

# Monochromacy



**Original Color**  
A64C9A



**Achromatopsia**  
707070



**Achromatomaly**  
84637F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64C9A 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 #A64C9A looks like.

```
.text, #text, p{  
    color:#A64C9A  
}
```

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 #A64C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64C9A
}
```

## Border

The CSS property to change the border of an element to Hex A64C9A 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
#A64C9A }
```

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

```
.border{ border-color:#A64C9A }
```

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

Here you see how a box with a 4 pixel #A64C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64C9A; -webkit-box-shadow:4px 4px  
4px 4px #A64C9A; box-shadow:4px 4px 4px  
4px #A64C9A }
```

# Background

The CSS property to change the background color of an element to Hex A64C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64C9A }
```

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

```
.background{ background-color:#A64C9A }
```

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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