

Converting Colors

Hex(A64EA7)

Have a look what the booklet for
Hex(A64EA7) contains.

Hex(A64EA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A64EA7)

Conversions

Conversions Part 1

Format	Color
Hex	A64EA7
RGB	166, 78, 167
RGB Percent	65%, 31%, 65%
CMY	0.3490, 0.6941, 0.3451
CMYK	0.01, 0.53, 0.00, 0.35
HSL	299°, 36%, 48%
HSV	299°, 53%, 65%
XYZ	25.4253, 16.3458, 38.3742
YIQ	114.4580, 23.8790, 46.3350

Conversions

Conversions Part 2

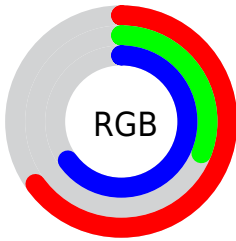
Format	Color
R_{YB}	166, 78, 167
Decimal	10899111
CIE _{Lab}	47.42, 48.78, -31.92
CIE _{LCh}	47, 58.297, 326.803
Yxy	16.3458, 0.3172, 0.2040
Android (android.graphics.Color)	4289089191 (0xFFA64EA7)
YUV	114.4580, 25.9032, 45.2023
Hunter-Lab	40.4299, 41.5016, -27.9744

Details

The Hex color **A64EA7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4FA74E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **DF83DE**, and **6F1773** is the 20% darker color. If you saturate the color by 10%, you get **A63DA7**, and if you desaturate by 10%, it is **A65FA7**.

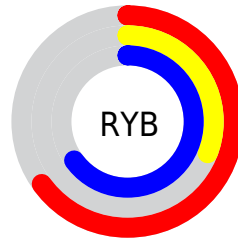
Distribution



Red (65%)

Green (31%)

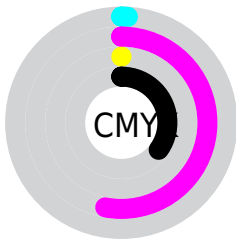
Blue (65%)



Red (65%)

Yellow (31%)

Blue (65%)

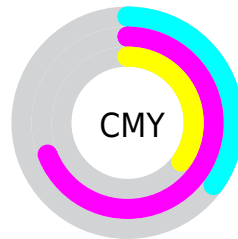


Cyan (1%)

Magenta (53%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A64EA7 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 A64EA7 by changing the saturation by 10% instead.

 A64EA7

 A64EA7

FFFFFF

 8A348C

 DF83DE

 6F1773

 FC9EFB

 55005A

 FFBAFF

 3C0042

 FFD6FF

 25002B

 FFF3FF

 000115

 000000

 A64EA7

 A64EA7

 A63DA7

 A65FA7

 A62DA7

 A66FA7

 A51CA7

 A780A7

 A50BA7

 A791A7

 A500A7

 A7A1A7

 A7B2A7

 A7C3A7

 A8D4A7

 A8E4A7

Harmonies

Analogous

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



6466C9



A64EA7



C43D78

Triad

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



A64EA7



8C6C00



00879C

Complementary

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



A64EA7



4FA74E

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.



00866A



A64EA7



5C7B00

Square

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



A64EA7



B0581B



008337



0083C2

Rectangle

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



A64EA7



C73E57



008337



00878B

Sweetspot

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



A64EA7



D8B6D9



4E4FA7



6D596E



EDEDED



6E6E6E

Same Dimension

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



A64EA7



D74ED9



A74E7C



544C54



920094



140014

Inverse Universe

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



A74E4F



D94E50



4EA779



544C4C



940002



140000

Previews

White Background



This preview shows how the Hex color A64EA7 looks on a white background.

Color Contrast Check

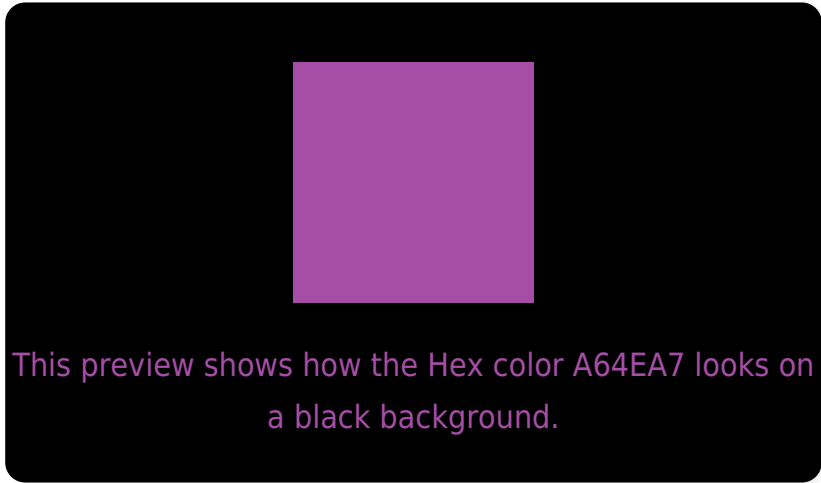
Large Text (above 18pt) WCAG AA ✓ Pass

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 A64EA7 Background



This preview shows how black text looks on a background with the Hex color A64EA7.

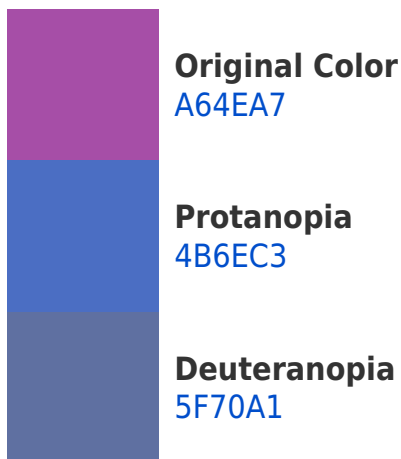


This preview shows how white text looks on a background with the Hex color A64EA7.

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



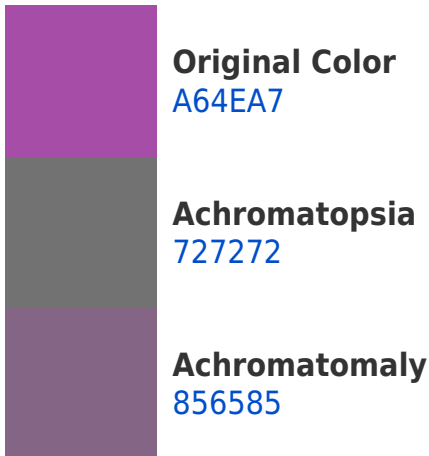


Tritanopia
9E5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A64EA7 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 #A64EA7 looks like.

```
.text, #text, p{  
    color:#A64EA7  
}
```

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 #A64EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64EA7
}
```

Border

The CSS property to change the border of an element to Hex A64EA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

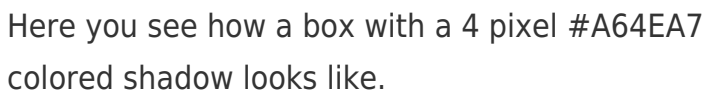
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A64EA7 }
```

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

```
.border{ border-color:#A64EA7 }
```

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



Here you see how a box with a 4 pixel #A64EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64EA7; -webkit-box-shadow:4px 4px  
4px 4px #A64EA7; box-shadow:4px 4px 4px  
4px #A64EA7 }
```

Background

The CSS property to change the background color of an element to Hex A64EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64EA7 }
```

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

```
.background{ background-color:#A64EA7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor