

Converting Colors

Hex(A75AA4)

Have a look what the booklet for
Hex(A75AA4) contains.

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Color

Hex(A75AA4)

Conversions

Conversions Part 1

Format	Color
Hex	A75AA4
RGB	167, 90, 164
RGB Percent	65%, 35%, 64%
CMY	0.3451, 0.6471, 0.3569
CMYK	0.00, 0.46, 0.02, 0.35
HSL	302°, 30%, 50%
HSV	302°, 46%, 65%
XYZ	26.2934, 18.2082, 37.2507
YIQ	121.4590, 22.1380, 39.3380

Conversions

Conversions Part 2

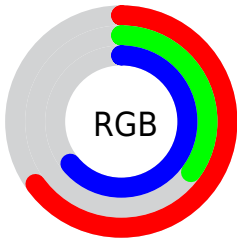
Format	Color
R_{YB}	167, 90, 164
Decimal	10967716
CIE _{Lab}	49.75, 42.40, -26.52
CIE _{LCh}	50, 50.008, 327.971
Yxy	18.2082, 0.3216, 0.2227
Android (android.graphics.Color)	4289157796 (0xFFA75AA4)
YUV	121.4590, 20.9727, 39.9395
Hunter-Lab	42.6710, 35.3152, -21.8889

Details

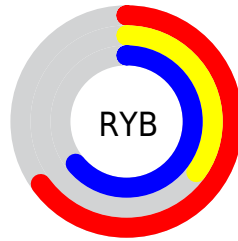
The Hex color **A75AA4** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5AA75D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E08EDB**, and **712770** is the 20% darker color. If you saturate the color by 10%, you get **A749A3**, and if you desaturate by 10%, it is **A76BA5**.

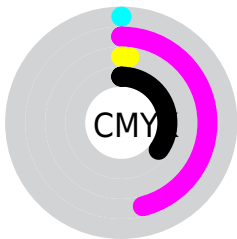
Distribution



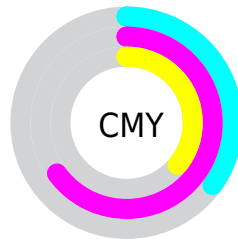
- Red (65%)
- Green (35%)
- Blue (64%)



- Red (65%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (46%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color A75AA4 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 A75AA4 by changing the saturation by 10% instead.


 A75AA4

 A75AA4

FFFFFF

 8C418A

 E08EDB

 712770

 FDAAF8

 570A57

 FFC6FF

 3E0040

 FFE2FF

 29002A

 000113

 000000

 A75AA4

 A75AA4

 A749A3

 A76BA5

 A739A3

 A77BA5

 A728A2

 A78CA6

 A717A1

 A79DA7

 A706A1

 A7ADA7

 A700A0

 A7BEA8

 A7CFA9

 A7E0A9

 A7F0AA

Harmonies

Analogous

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



726CC2



A75AA4



C04F7B

Triad

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



A75AA4



8F7318



008A9D

Complementary

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



A75AA4



5AA75D

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.



008A72



A75AA4



657F24

Square

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



A75AA4



AF632E



278747



0086BE

Rectangle

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



A75AA4



C4505F



278747



008B8F

Sweetspot

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



A75AA4



D9BAD8



5D5AA7



6E5B6D



EDEDED



6E6E6E

Same Dimension

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



A75AA4



D962D4



A75A7E



544C54



94008E



140014

Inverse Universe

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



A75AA4



D962D4



5AA783



544C54



94008E



140014

Previews

White Background



This preview shows how the Hex color A75AA4 looks on a white background.

Color Contrast Check

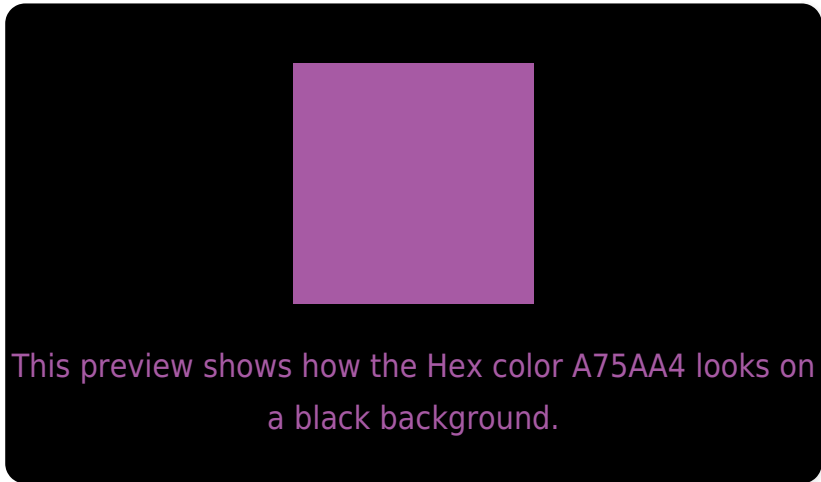
Large Text (above 18pt) WCAG AA ✓ Pass

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

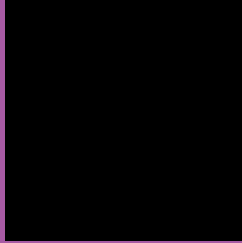
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A75AA4 Background



This preview shows how black text looks on a background with the Hex color A75AA4.

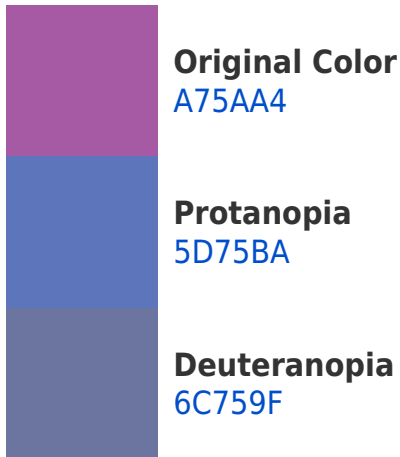


This preview shows how white text looks on a background with the Hex color A75AA4.

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](#).

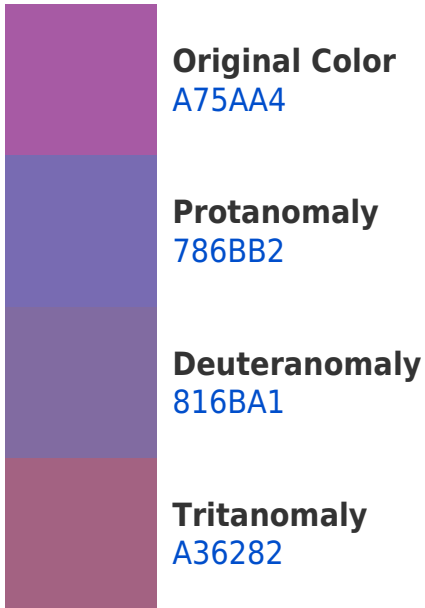
Dichromacy



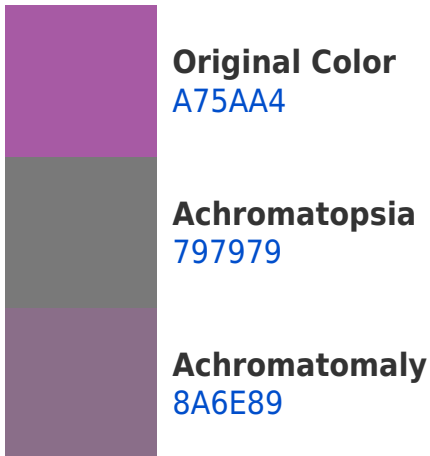


Tritanopia
A0666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A75AA4 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 #A75AA4 looks like.

```
.text, #text, p{  
    color:#A75AA4  
}
```

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 #A75AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75AA4
}
```

Border

The CSS property to change the border of an element to Hex A75AA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

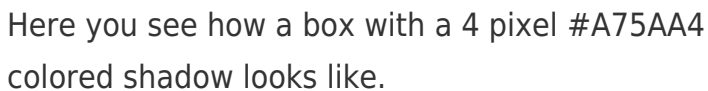
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A75AA4 }
```

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

```
.border{ border-color:#A75AA4 }
```

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



Here you see how a box with a 4 pixel #A75AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75AA4; -webkit-box-shadow:4px 4px  
4px 4px #A75AA4; box-shadow:4px 4px 4px  
4px #A75AA4 }
```

Background

The CSS property to change the background color of an element to Hex A75AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75AA4 }
```

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

```
.background{ background-color:#A75AA4 }
```

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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