

Converting Colors

Hex(A756B7)

Have a look what the booklet for
Hex(A756B7) contains.

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Color

Hex(A756B7)

Conversions

Conversions Part 1

Format	Color
Hex	A756B7
RGB	167, 86, 183
RGB Percent	65%, 34%, 72%
CMY	0.3451, 0.6627, 0.2824
CMYK	0.09, 0.53, 0.00, 0.28
HSL	290°, 40%, 53%
HSV	290°, 53%, 72%
XYZ	27.8114, 18.2900, 46.8642
YIQ	121.2770, 17.1390, 47.3390

Conversions

Conversions Part 2

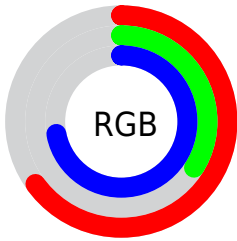
Format	Color
R_{YB}	167, 86, 183
Decimal	10966711
CIE _{Lab}	49.85, 48.13, -37.48
CIE _{LCh}	50, 60.997, 322.091
Yxy	18.2900, 0.2992, 0.1967
Android (android.graphics.Color)	4289156791 (0xFFA756B7)
YUV	121.2770, 30.4294, 40.0991
Hunter-Lab	42.7668, 41.2373, -35.0338

Details

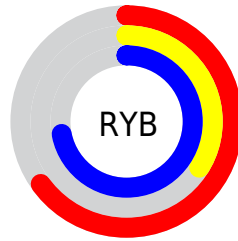
The Hex color **A756B7** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **66B756**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E08BEF**, and **702181** is the 20% darker color. If you saturate the color by 10%, you get **A444B7**, and if you desaturate by 10%, it is **AA68B7**.

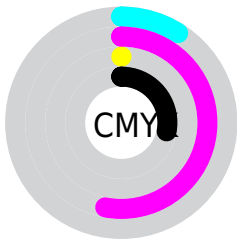
Distribution



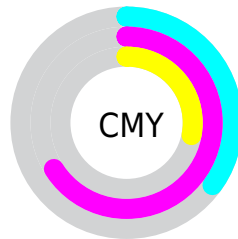
- Red (65%)
- Green (34%)
- Blue (72%)



- Red (65%)
- Yellow (34%)
- Blue (72%)



- Cyan (9%)
- Magenta (53%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (66%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color A756B7 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 A756B7 by changing the saturation by 10% instead.

 A756B7

 A756B7

FFFFFF

 8B3C9C

 E08BEF

 702181

 FDA6FF

 560068

 FFC2FF

 3C004F

 FFDFFF

 270038

 FFFCFF

 000021

 000007

 000000

 A756B7

 A756B7

 A444B7

 AA68B7

 A131B7

 AD7BB7

 9E1FB7

 B08DB7

 9B0DB7

 B39FB7

 9900B7

 B6B2B7

 B9C4B7

 BCD6B7

 BFE8B7

 C2FBB7

Harmonies

Analogous

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



586FD7



A756B7



CC4187

Triad

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



A756B7



9A6F00



008E9C

Complementary

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



A756B7



66B756

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.



008D67



A756B7



6A7F00

Square

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



A756B7



BE5923



1C8932



008BC8

Rectangle

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



A756B7



D23F64



1C8932



008E8B

Sweetspot

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



A756B7



E7C7ED



5666B7



746178



F7F7F7



787878

Same Dimension

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



A756B7



D455ED



B75697



5A535C



82009C



17001C

Inverse Universe

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



B75666



ED556E



56B776



5C5354



9C001A



1C0005

Previews

White Background



This preview shows how the Hex color A756B7 looks on a white background.

Color Contrast Check

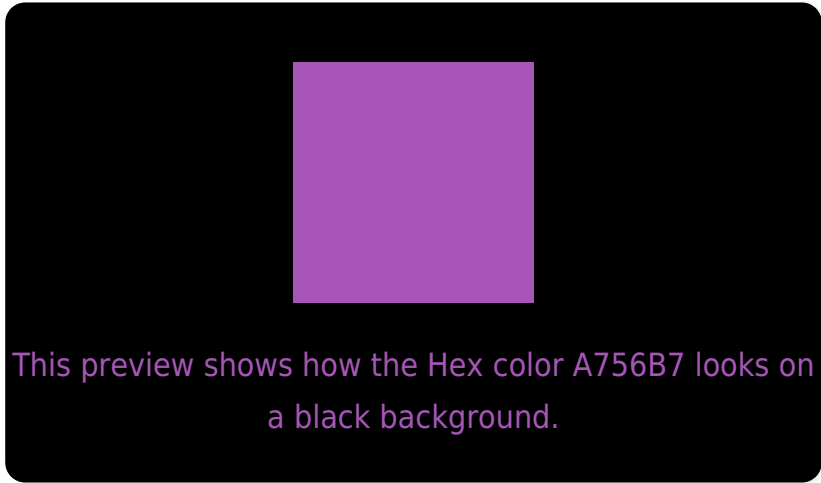
Large Text (above 18pt) WCAG AA ✓ Pass

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

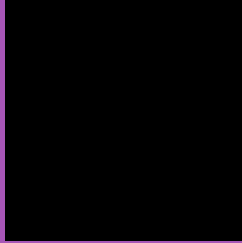
Any Text WCAG AA ✓ Pass

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 A756B7 Background



This preview shows how black text looks on a background with the Hex color A756B7.

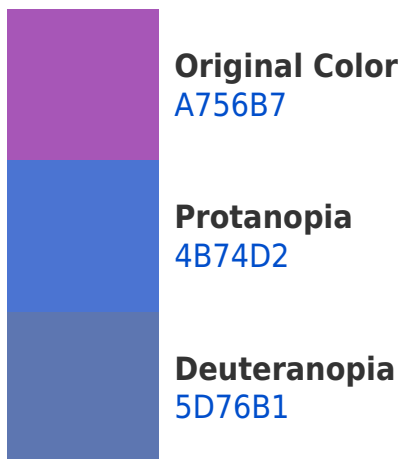


This preview shows how white text looks on a background with the Hex color A756B7.

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](#).

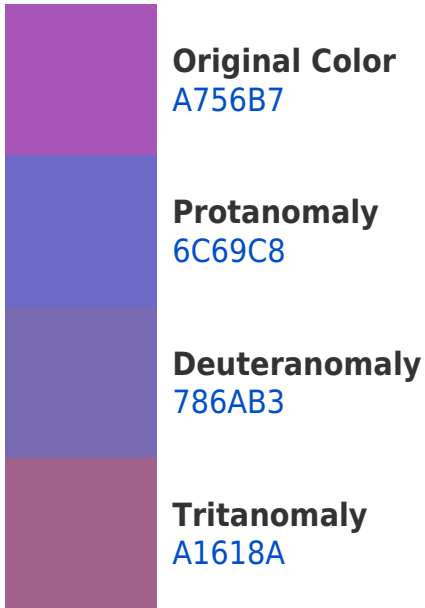
Dichromacy



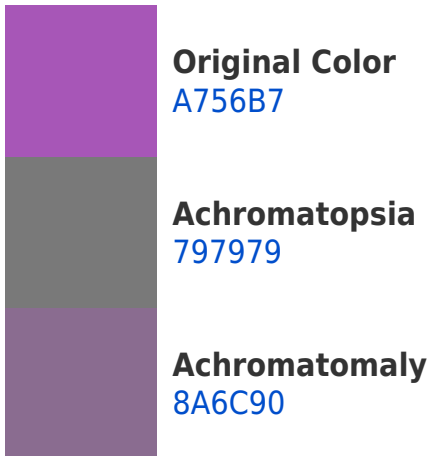


Tritanopia
9D6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A756B7 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 #A756B7 looks like.

```
.text, #text, p{  
    color:#A756B7  
}
```

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 #A756B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A756B7
}
```

Border

The CSS property to change the border of an element to Hex A756B7 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
#A756B7 }
```

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

```
.border{ border-color:#A756B7 }
```

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

Here you see how a box with a 4 pixel #A756B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A756B7; -webkit-box-shadow:4px 4px  
4px 4px #A756B7; box-shadow:4px 4px 4px  
4px #A756B7 }
```

Background

The CSS property to change the background color of an element to Hex A756B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A756B7 }
```

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

```
.background{ background-color:#A756B7 }
```

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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