

Converting Colors

Hex(AB75A0)

Have a look what the booklet for
Hex(AB75A0) contains.

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Color

Hex(AB75A0)

Conversions

Conversions Part 1

Format	Color
Hex	AB75A0
RGB	171, 117, 160
RGB Percent	67%, 46%, 63%
CMY	0.3294, 0.5412, 0.3725
CMYK	0.00, 0.32, 0.06, 0.33
HSL	312°, 24%, 56%
HSV	312°, 32%, 67%
XYZ	29.5010, 23.9186, 36.3196
YIQ	138.0480, 18.3810, 24.8210

Conversions

Conversions Part 2

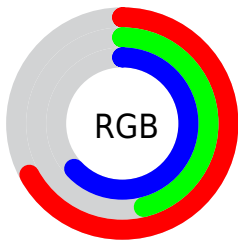
Format	Color
RYB	171, 117, 160
Decimal	11236768
CIELab	56.01, 28.16, -14.56
CIELCh	56, 31.702, 332.668
Yxy	23.9186, 0.3287, 0.2665
Android (android.graphics.Color)	4289426848 (0xFFAB75A0)
YUV	138.0480, 10.8223, 28.8989
Hunter-Lab	48.9066, 22.0867, -9.7960

Details

The Hex color **AB75A0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **75AB80**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E3AAD7**, and **76446C** is the 20% darker color. If you saturate the color by 10%, you get **AB649D**, and if you desaturate by 10%, it is **AB86A3**.

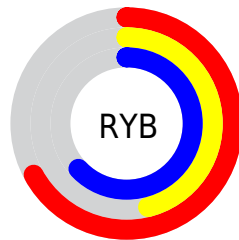
Distribution



Red (67%)

Green (46%)

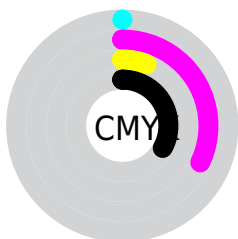
Blue (63%)



Red (67%)

Yellow (46%)

Blue (63%)

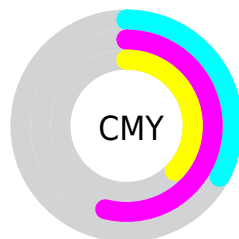


Cyan (0%)

Magenta (32%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB75A0 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 AB75A0 by changing the saturation by 10% instead.

 AB75A0

 AB75A0

FFFFFF

 905C86

 E3AAD7

 76446C

 FFC5F3

 5C2C54

 FFE1FF

 44153D

FFFEFF

 2D0027

 120011

 000000

 AB75A0

 AB75A0

 AB649D

 AB86A3

 AB5399

 AB97A7

 AB4296

 ABA8AA

 AB3192

 ABB9AE

 AB1F8F

 ABCAB1

 AB0E8B

 ABDCB5

 AB0088

 ABEDB8

 ABFEBC

 ABFFBF

Harmonies

Analogous

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



8D7EB5



AB75A0



BA7185

Triad

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



AB75A0



96854F



0C94A3

Complementary

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



AB75A0



75AB80

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.



319588



AB75A0



798D57

Square

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



AB75A0



AD7C56



58936C



3190B6

Rectangle

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



AB75A0



BC7272



58936C



15959A

Sweetspot

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



AB75A0



DECADA



8075AB



70646E



F0F0F0



707070

Same Dimension

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



AB75A0



DE8ACD



AB7585



574E55



960078



170012

Inverse Universe

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



AB75A0



DE8ACD



75AB9B



574E55



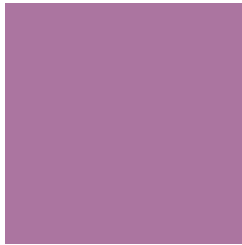
960078



170012

Previews

White Background



This preview shows how the Hex color AB75A0 looks on a white background.

Color Contrast Check

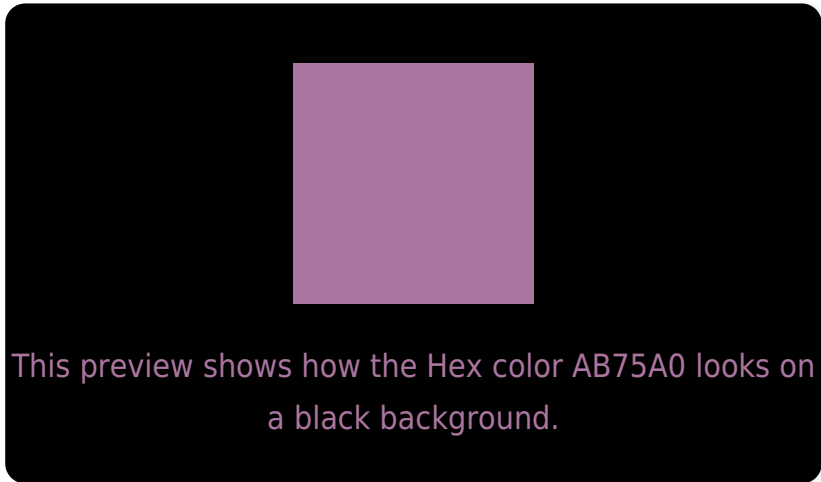
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

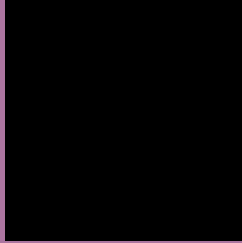
Any Text WCAG AA ✓ Pass

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 AB75A0 Background



This preview shows how black text looks on a background with the Hex color AB75A0.

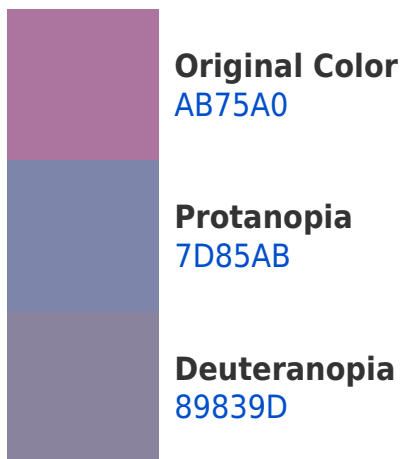



This preview shows how white text looks on a background with the Hex color AB75A0.

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
A77A84

Trichromacy



Original Color
AB75A0

Protanomaly
8E7FA7

Deuteranomaly
957E9E

Tritanomaly
A8788E

Monochromacy



Original Color
AB75A0

Achromatopsia
8A8A8A

Achromatomaly
968292

CSS Examples

Text

The CSS property to change the color of the text to Hex AB75A0 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 #AB75A0 looks like.

```
.text, #text, p{  
    color:#AB75A0  
}
```

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 #AB75A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB75A0
}
```

Border

The CSS property to change the border of an element to Hex AB75A0 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
#AB75A0 }
```

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

```
.border{ border-color:#AB75A0 }
```

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

Here you see how a box with a 4 pixel #AB75A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB75A0; -webkit-box-shadow:4px 4px  
4px 4px #AB75A0; box-shadow:4px 4px 4px  
4px #AB75A0 }
```

Background

The CSS property to change the background color of an element to Hex AB75A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB75A0 }
```

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

```
.background{ background-color:#AB75A0 }
```

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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