

Converting Colors

Hex(AB55A6)

Have a look what the booklet for
Hex(AB55A6) contains.

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Color

Hex(AB55A6)

Conversions

Conversions Part 1

Format	Color
Hex	AB55A6
RGB	171, 85, 166
RGB Percent	67%, 33%, 65%
CMY	0.3294, 0.6667, 0.3490
CMYK	0.00, 0.50, 0.03, 0.33
HSL	303°, 34%, 50%
HSV	303°, 50%, 67%
XYZ	26.9260, 17.9081, 38.1138
YIQ	119.9480, 25.2550, 43.4230

Conversions

Conversions Part 2

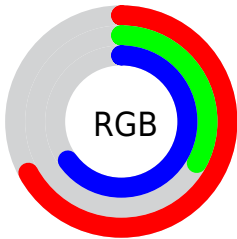
Format	Color
R_{YB}	171, 85, 166
Decimal	11228582
CIE _{Lab}	49.38, 46.55, -28.22
CIE _{LCh}	49, 54.439, 328.777
Yxy	17.9081, 0.3246, 0.2159
Android (android.graphics.Color)	4289418662 (0xFFAB55A6)
YUV	119.9480, 22.7036, 44.7726
Hunter-Lab	42.3180, 39.5193, -23.7772

Details

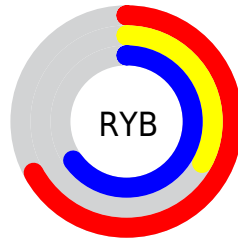
The Hex color **AB55A6** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55AB5A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E48ADD**, and **742072** is the 20% darker color. If you saturate the color by 10%, you get **AB44A5**, and if you desaturate by 10%, it is **AB66A7**.

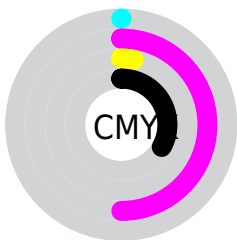
Distribution



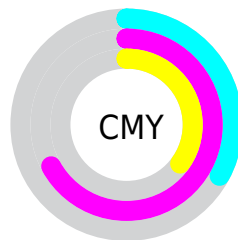
- Red (67%)
- Green (33%)
- Blue (65%)



- Red (67%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB55A6 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 AB55A6 by changing the saturation by 10% instead.

 AB55A6

 AB55A6

FFFFFF

 8F3B8B

 E48ADD

 742072

 FFA5FA

 5A0059

 FFC1FF

 410041

 FFDEFF

 2B002B

 FFFBFF

 000015

 000000

 AB55A6

 AB55A6

 AB44A5

 AB66A7

 AB33A4

 AB77A8

 AB22A3

 AB88A9

 AB11A2

 AB99AA

 AB00A1

 ABAAAB

 ABBCAC

 ABCDAD

 ABDEAE

 ABEF AF

Harmonies

Analogous

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



716AC7



AB55A6



C54879

Triad

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



AB55A6



8E7305



008BA1

Complementary

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



AB55A6



55AB5A

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.



008B72



AB55A6



60801A

Square

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



AB55A6



B16024



0F8743



0086C4

Rectangle

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



AB55A6



C84A5A



0F8743



008B92

Sweetspot

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



AB55A6



DEBDDC



5955AB



705C6F



F0F0F0



707070

Same Dimension

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



AB55A6



DE59D6



AB557C



574E56



96008E



170016

Inverse Universe

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



AB55A6



DE59D6



55AB84



574E56



96008E



170016

Previews

White Background



This preview shows how the Hex color AB55A6 looks on a white background.

Color Contrast Check

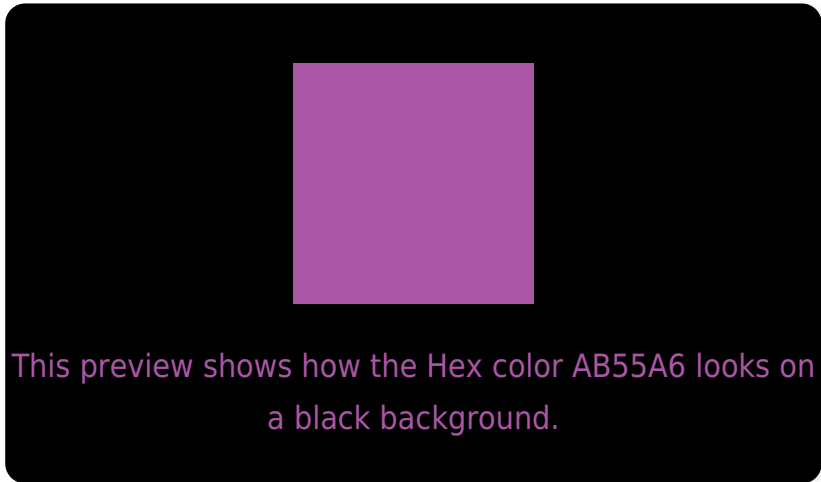
Large Text (above 18pt) WCAG AA ✓ Pass

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

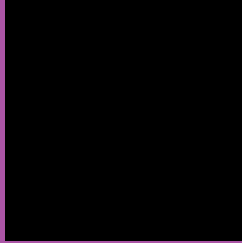
Any Text WCAG AA ✓ Pass

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 AB55A6 Background



This preview shows how black text looks on a background with the Hex color AB55A6.

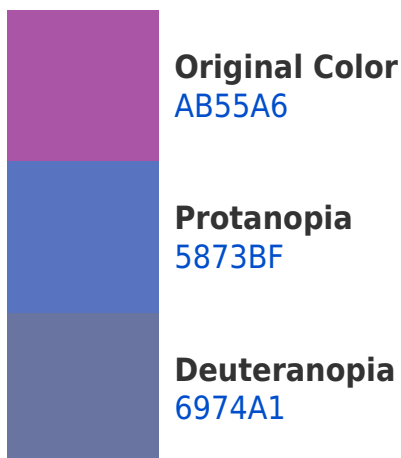


This preview shows how white text looks on a background with the Hex color AB55A6.

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](#).

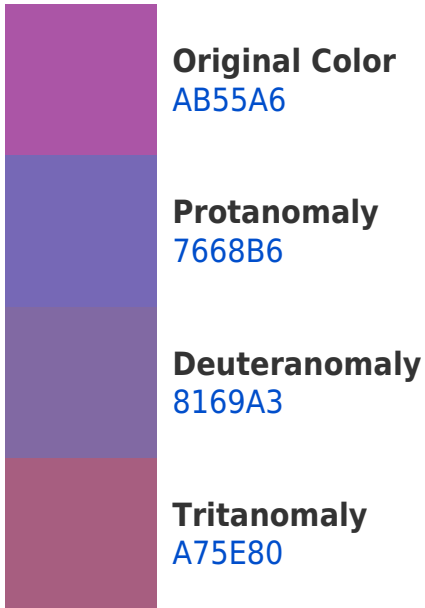
Dichromacy



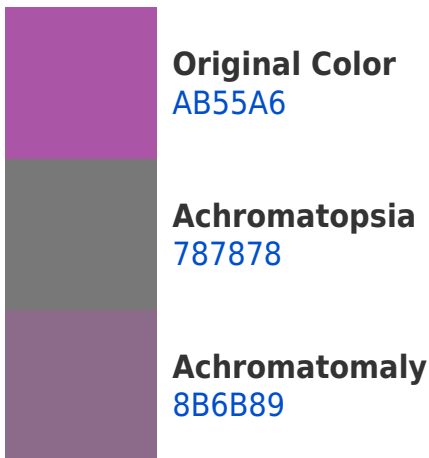


Tritanopia
A4636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB55A6 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 #AB55A6 looks like.

```
.text, #text, p{  
    color:#AB55A6  
}
```

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 #AB55A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB55A6
}
```

Border

The CSS property to change the border of an element to Hex AB55A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

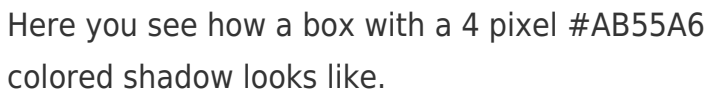
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB55A6 }
```

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

```
.border{ border-color:#AB55A6 }
```

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



Here you see how a box with a 4 pixel `#AB55A6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB55A6; -webkit-box-shadow:4px 4px  
4px 4px #AB55A6; box-shadow:4px 4px 4px  
4px #AB55A6 }
```

Background

The CSS property to change the background color of an element to Hex AB55A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB55A6 }
```

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

```
.background{ background-color:#AB55A6 }
```

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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