

Converting Colors

Hex(AA55C3)

Have a look what the booklet for
Hex(AA55C3) contains.

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Color

Hex(AA55C3)

Conversions

Conversions Part 1

Format	Color
Hex	AA55C3
RGB	170, 85, 195
RGB Percent	67%, 33%, 76%
CMY	0.3333, 0.6667, 0.2353
CMYK	0.13, 0.56, 0.00, 0.24
HSL	286°, 48%, 55%
HSV	286°, 56%, 76%
XYZ	29.6764, 18.9832, 53.7298
YIQ	122.9550, 15.3500, 52.2300

Conversions

Conversions Part 2

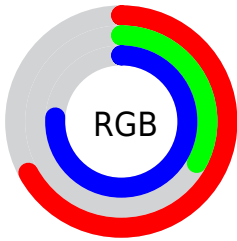
Format	Color
RYB	170, 85, 195
Decimal	11163075
CIELab	50.67, 51.84, -43.10
CIElCh	51, 67.420, 320.261
Yxy	18.9832, 0.2898, 0.1854
Android (android.graphics.Color)	4289353155 (0xFFAA55C3)
YUV	122.9550, 35.5182, 41.2585
Hunter-Lab	43.5697, 45.3338, -42.6171

Details

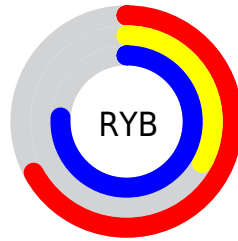
The Hex color **AA55C3** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **6EC355**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E38AFC**, and **731F8D** is the 20% darker color. If you saturate the color by 10%, you get **A642C3**, and if you desaturate by 10%, it is **AE69C3**.

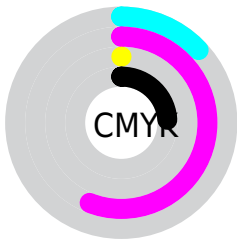
Distribution



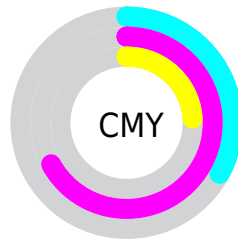
- Red (67%)
- Green (33%)
- Blue (76%)



- Red (67%)
- Yellow (33%)
- Blue (76%)



- Cyan (13%)
- Magenta (56%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (67%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA55C3 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 AA55C3 by changing the saturation by 10% instead.

■ AA55C3

■ AA55C3

FFFFFF

■ 8E3BA7

■ E38AFC

■ 731F8D

■ FFA6FF

■ 580073

■ FFC2FF

■ 3E005A

■ FFDEFF

■ 270042

■ FFFCFF

■ 00002A

■ 000114

■ 000000

■ AA55C3

■ AA55C3

 A642C3

 AE69C3

 A12EC3

 B37CC3

 9D1AC3

 B790C3

 9807C3

 BCA3C3

 9700C3

 C0B7C3

 C5CAC3

 C9DDC3

 CDF1C3

 D2FFC3

Harmonies

Analogous

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



4772E6



AA55C3



D5398E

Triad

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



AA55C3



A16F00



00929F

Complementary

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



AA55C3



6EC355

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.



009163



AA55C3



6D8100

Square

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



AA55C3



C8551E



0F8C27



008FD1

Rectangle

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



AA55C3



DD3667



0F8C27



00928B

Sweetspot

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



AA55C3



F3D2FC



556FC3



7A6680



000000



808080

Same Dimension

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



AA55C3



D551FC



C355A6



5F5761



7C00A1



1A0021

Inverse Universe

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



C3556E



FC5178



55C372



615759



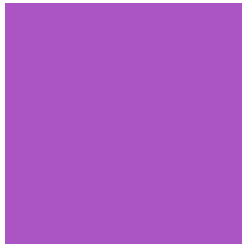
A10025



210008

Previews

White Background



This preview shows how the Hex color AA55C3 looks on a white background.

Color Contrast Check

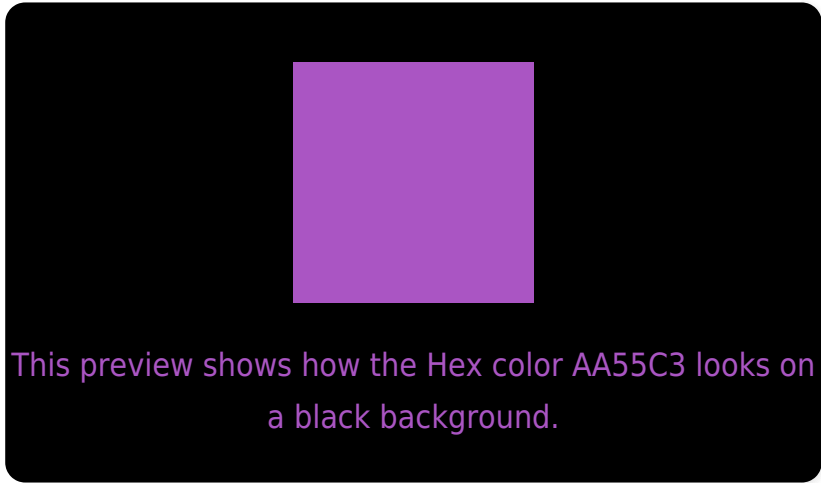
Large Text (above 18pt) WCAG AA ✓ Pass

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

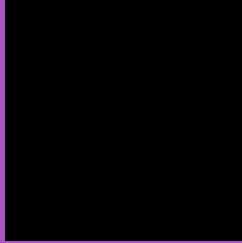
Any Text WCAG AA ✓ Pass

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 AA55C3 Background



This preview shows how black text looks on a background with the Hex color AA55C3.

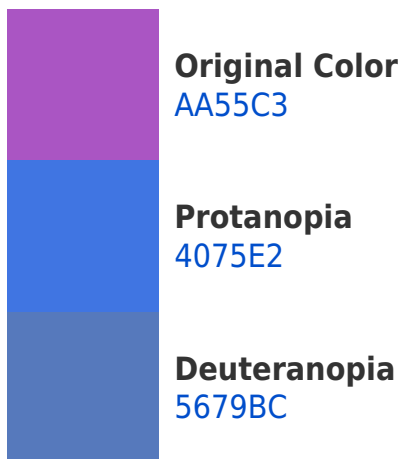


This preview shows how white text looks on a background with the Hex color AA55C3.

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



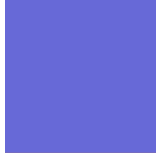


Tritanopia
9F6A72

Trichromacy



Original Color
AA55C3



Protanomaly
6769D7



Deuteranomaly
756CBF



Tritanomaly
A3628F

Monochromacy



Original Color
AA55C3



Achromatopsia
7B7B7B



Achromatomaly
8C6D95

CSS Examples

Text

The CSS property to change the color of the text to Hex AA55C3 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 #AA55C3 looks like.

```
.text, #text, p{  
    color:#AA55C3  
}
```

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 #AA55C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA55C3
}
```

Border

The CSS property to change the border of an element to Hex AA55C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

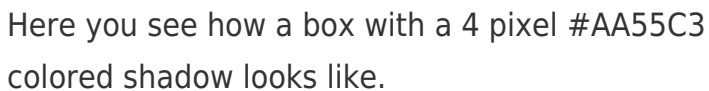
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA55C3 }
```

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

```
.border{ border-color:#AA55C3 }
```

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



Here you see how a box with a 4 pixel `#AA55C3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA55C3; -webkit-box-shadow:4px 4px  
4px 4px #AA55C3; box-shadow:4px 4px 4px  
4px #AA55C3 }
```

Background

The CSS property to change the background color of an element to Hex AA55C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA55C3 }
```

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

```
.background{ background-color:#AA55C3 }
```

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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