

Converting Colors

Hex(A33AAA)

Have a look what the booklet for
Hex(A33AAA) contains.

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Color

Hex(A33AAA)

Conversions

Conversions Part 1

Format	Color
Hex	A33AAA
RGB	163, 58, 170
RGB Percent	64%, 23%, 67%
CMY	0.3608, 0.7725, 0.3333
CMYK	0.04, 0.66, 0.00, 0.33
HSL	296°, 49%, 45%
HSV	296°, 66%, 67%
XYZ	23.8730, 13.7149, 39.4192
YIQ	102.1630, 26.6280, 57.0920

Conversions

Conversions Part 2

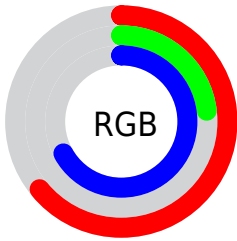
Format	Color
R_{YB}	163, 58, 170
Decimal	10697386
CIE _{Lab}	43.82, 57.62, -39.40
CIE _{LCh}	44, 69.805, 325.634
Yxy	13.7149, 0.3100, 0.1781
Android (android.graphics.Color)	4288887466 (0xFFA33AAA)
YUV	102.1630, 33.4436, 53.3540
Hunter-Lab	37.0337, 50.2576, -37.1856

Details

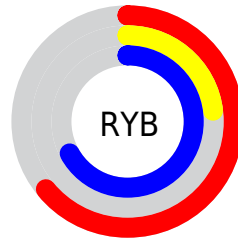
The Hex color **A33AAA** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **41AA3A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **DD71E2**, and **6C0075** is the 20% darker color. If you saturate the color by 10%, you get **A229AA**, and if you desaturate by 10%, it is **A44BAA**.

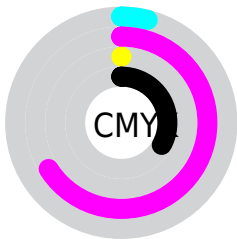
Distribution



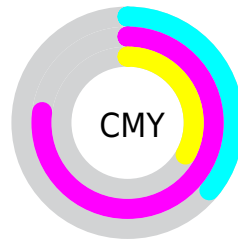
- Red (64%)
- Green (23%)
- Blue (67%)



- Red (64%)
- Yellow (23%)
- Blue (67%)



- Cyan (4%)
- Magenta (66%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33AAA 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 A33AAA by changing the saturation by 10% instead.

 A33AAA

 A33AAA

FFFFFF

 871B8F

 DD71E2

 6C0075

 FA8CFF

 51005C

 FFA8FF

 370044

 FFC5FF

 1D002D

 FFE2FF

 000117

 000000

 A33AAA

 A33AAA

 A229AA

 A44BAA

 A118AA

 A55CAA

 A007AA

 A66DAA

 9F00AA

 A77EAA

 A88FAA

 A9A0AA

 AAB1AA

 ABC2AA

 ADD3AA

Harmonies

Analogous

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



495CD2



A33AAA



C61173

Triad

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



A33AAA



856200



008098

Complementary

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



A33AAA



41AA3A

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.



007F5D



A33AAA



4E7300

Square

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



A33AAA



AF4800



007B1E



007DC7

Rectangle

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



A33AAA



CB154C



007B1E



008085

Sweetspot

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



A33AAA



DBB1DE



3A41AA



6F5570



F0F0F0



707070

Same Dimension

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



A33AAA



D32FDE



AA3A79



544C54



8B0094



130014

Inverse Universe

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



AA3A41



DE2F3A



3AAA6B



544C4C



940009



140001

Previews

White Background



This preview shows how the Hex color A33AAA looks on a white background.

Color Contrast Check

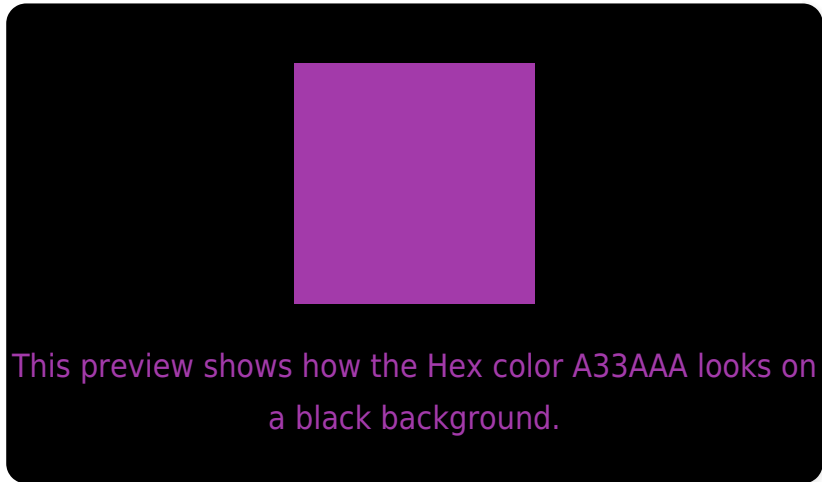
Large Text (above 18pt) WCAG AA ✓ Pass

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

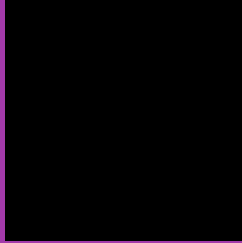
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A33AAA Background



This preview shows how black text looks on a background with the Hex color A33AAA.

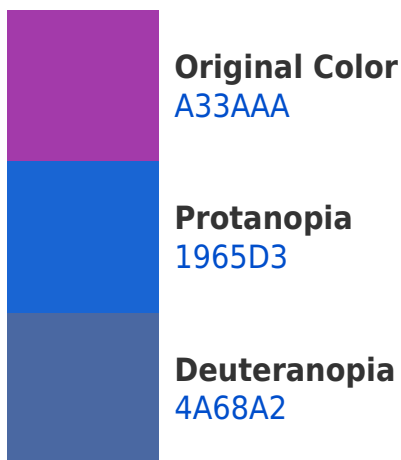


This preview shows how white text looks on a background with the Hex color A33AAA.

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



Trichromacy



Original Color

A33AAA



Protanomaly

4B55C4



Deuteranomaly

6A57A5



Tritanomaly

9D4A76

Monochromacy



Original Color

A33AAA



Achromatopsia

666666



Achromatomaly

7C567F

CSS Examples

Text

The CSS property to change the color of the text to Hex A33AAA 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 #A33AAA looks like.

```
.text, #text, p{  
    color:#A33AAA  
}
```

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 #A33AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33AAA
}
```

Border

The CSS property to change the border of an element to Hex A33AAA 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
#A33AAA }
```

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

```
.border{ border-color:#A33AAA }
```

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

Here you see how a box with a 4 pixel #A33AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33AAA; -webkit-box-shadow:4px 4px  
4px 4px #A33AAA; box-shadow:4px 4px 4px  
4px #A33AAA }
```

Background

The CSS property to change the background color of an element to Hex A33AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33AAA }
```

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

```
.background{ background-color:#A33AAA }
```

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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