

Converting Colors

Hex(AA2299)

Have a look what the booklet for
Hex(AA2299) contains.

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Color

Hex(AA2299)

Conversions

Conversions Part 1

Format	Color
Hex	AA2299
RGB	170, 34, 153
RGB Percent	67%, 13%, 60%
CMY	0.3333, 0.8667, 0.4000
CMYK	0.00, 0.80, 0.10, 0.33
HSL	308°, 67%, 40%
HSV	308°, 80%, 67%
XYZ	22.8994, 11.9900, 31.2444
YIQ	88.2300, 42.8570, 65.8410

Conversions

Conversions Part 2

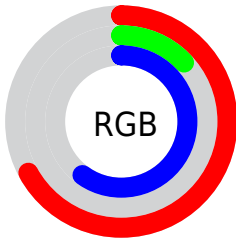
Format	Color
R_{YB}	170, 34, 153
Decimal	11149977
CIE _{Lab}	41.20, 64.57, -33.30
CIE _{LCh}	41, 72.649, 332.722
Yxy	11.9900, 0.3463, 0.1813
Android (android.graphics.Color)	4289340057 (0xFFAA2299)
YUV	88.2300, 31.9316, 71.7123
Hunter-Lab	34.6266, 57.4496, -29.2601

Details

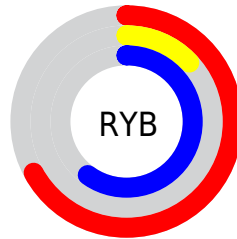
The Hex color **AA2299** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **22AA33**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E560D0**, and **720065** is the 20% darker color. If you saturate the color by 10%, you get **AA1197**, and if you desaturate by 10%, it is **AA339B**.

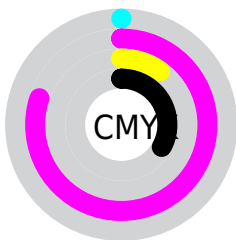
Distribution



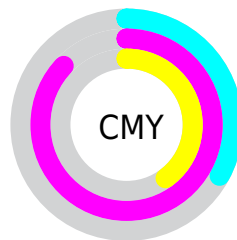
- Red (67%)
- Green (13%)
- Blue (60%)



- Red (67%)
- Yellow (13%)
- Blue (60%)



- Cyan (0%)
- Magenta (80%)
- Yellow (10%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA2299 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 AA2299 by changing the saturation by 10% instead.

AA2299

AA2299

FFFFFF

8E007F

E560D0

720065

FF7CEC

56004D

FF99FF

3D0036

FFB5FF

200020

FFD2FF

000002

FFF0FF

000000

AA2299

AA2299

AA1197

AA339B

■ AA0095

■ AA449D

■ AA559F

■ AA66A1

■ AA77A4

■ AA88A6

■ AA99A8

■ AAAAAA

■ AABBAC

Harmonies

Analogous

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



5F4EC7



AA2299



C5005F

Triad

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



AA2299



726100



0079A1

Complementary

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



AA2299



22AA33

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.



007965



AA2299



326F00

Square

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



AA2299



A04700



007625



0075CC

Rectangle

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



AA2299



C40038



007625



007A8E

Sweetspot

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



AA2299



DEA9D7



3222AA



70506C



F0F0F0



707070

Same Dimension

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



AA2299



DE09C3



AA2256



544C53



940081



140012

Inverse Universe

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



AA2299



DE09C3



22AA76



544C53



940081



140012

Previews

White Background



This preview shows how the Hex color AA2299 looks on a white background.

Color Contrast Check

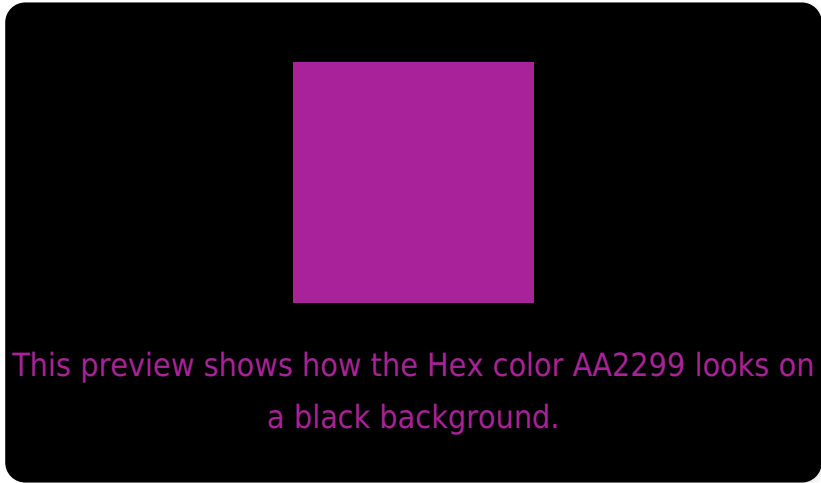
Large Text (above 18pt) WCAG AA ✓ Pass

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

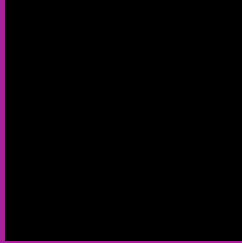
Any Text WCAG AA × Fail

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 AA2299 Background



This preview shows how black text looks on a background with the Hex color AA2299.

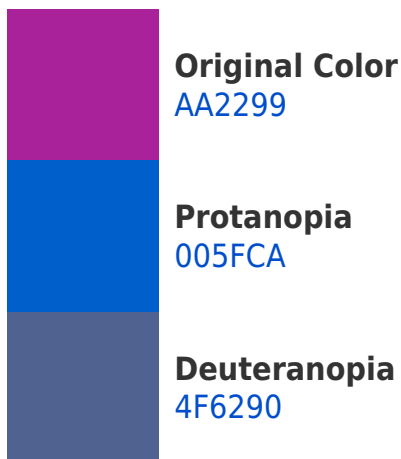


This preview shows how white text looks on a background with the Hex color AA2299.

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
A24247

Trichromacy



Original Color
AA2299



Protanomaly
3E49B8



Deuteranomaly
704B93



Tritanomaly
A53665

Monochromacy



Original Color
AA2299



Achromatopsia
585858



Achromatomaly
764470

CSS Examples

Text

The CSS property to change the color of the text to Hex AA2299 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 #AA2299 looks like.

```
.text, #text, p{  
    color:#AA2299  
}
```

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 #AA2299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2299
}
```

Border

The CSS property to change the border of an element to Hex AA2299 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
#AA2299 }
```

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

```
.border{ border-color:#AA2299 }
```

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

Here you see how a box with a 4 pixel #AA2299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2299; -webkit-box-shadow:4px 4px  
4px 4px #AA2299; box-shadow:4px 4px 4px  
4px #AA2299 }
```

Background

The CSS property to change the background color of an element to Hex AA2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2299 }
```

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

```
.background{ background-color:#AA2299 }
```

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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