

Converting Colors

Hex(AA28AE)

Have a look what the booklet for
Hex(AA28AE) contains.

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Color

Hex(AA28AE)

Conversions

Conversions Part 1

Format	Color
Hex	AA28AE
RGB	170, 40, 174
RGB Percent	67%, 16%, 68%
CMY	0.3333, 0.8431, 0.3176
CMYK	0.02, 0.77, 0.00, 0.32
HSL	298°, 63%, 42%
HSV	298°, 77%, 68%
XYZ	24.9763, 13.1196, 41.2603
YIQ	94.1460, 34.4660, 69.2340

Conversions

Conversions Part 2

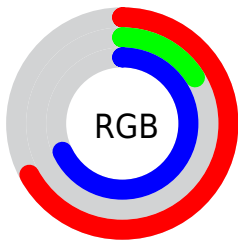
Format	Color
R_{YB}	170, 40, 174
Decimal	11151534
CIE Lab	42.94, 66.19, -43.10
CIE LCh	43, 78.990, 326.929
Yxy	13.1196, 0.3147, 0.1653
Android (android.graphics.Color)	4289341614 (0xFFAA28AE)
YUV	94.1460, 39.3680, 66.5240
Hunter-Lab	36.2210, 59.6985, -42.1841

Details

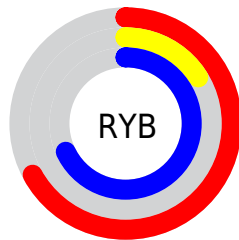
The Hex color **AA28AE** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2CAE28**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E465E6**, and **720079** is the 20% darker color. If you saturate the color by 10%, you get **A917AE**, and if you desaturate by 10%, it is **AB39AE**.

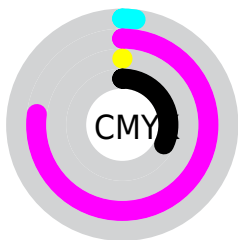
Distribution



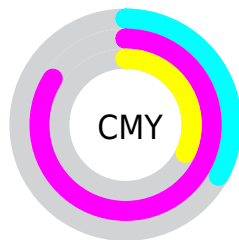
- Red (67%)
- Green (16%)
- Blue (68%)



- Red (67%)
- Yellow (16%)
- Blue (68%)



- Cyan (2%)
- Magenta (77%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA28AE 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 AA28AE by changing the saturation by 10% instead.

■ AA28AE

■ AA28AE

FFFFFF

■ 8E0093

■ E465E6

■ 720079

■ FF81FF

■ 56005F

■ FF9DFF

■ 3C0047

■ FFBAFF

■ 200030

■ FFD7FF

■ 00011A

■ FFF5FF

■ 000000

■ AA28AE

■ AA28AE

■ A917AE

■ AB39AE

 A905AE

 AB4BAE

 A900AE

 AC5CAE

 AC6EAE

 AD7FAE

 AD90AE

 AEA2AE

 AEB3AE

 AFC5AE

Harmonies

Analogous

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



4157DC



AA28AE



CF006F

Triad

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



AA28AE



826100



00809F

Complementary

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



AA28AE



2CAE28

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



AA28AE



417200

Square

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



AA28AE



B14100



007B0F



007DD4

Rectangle

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



AA28AE



D20044



007B0F



00808A

Sweetspot

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



AA28AE



E1AFE3



282CAE



725373



F2F2F2



737373

Same Dimension

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



AA28AE



DD12E3



AE286F



564E57



920096



160017

Inverse Universe

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



AE282C



E31218



28AE67



574E4E



960004



170001

Previews

White Background



This preview shows how the Hex color AA28AE looks on a white background.

Color Contrast Check

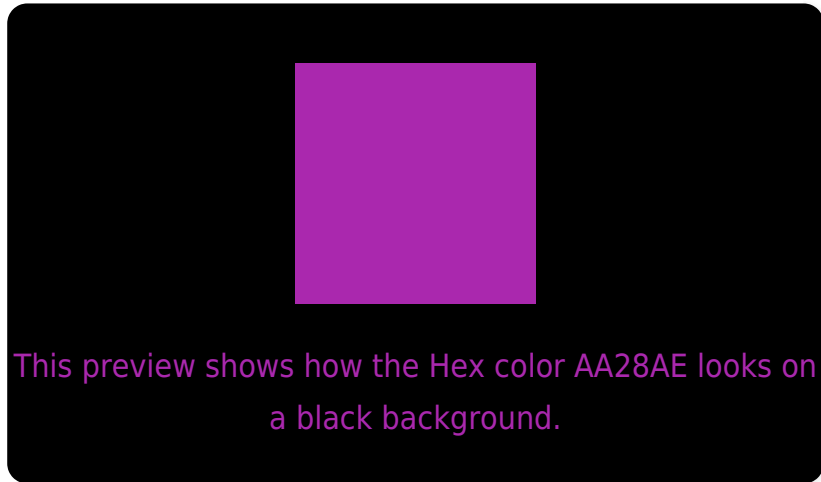
Large Text (above 18pt) WCAG AA ✓ Pass

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

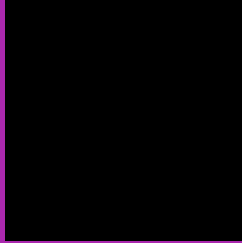
Any Text WCAG AA × Fail

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 AA28AE Background



This preview shows how black text looks on a background with the Hex color AA28AE.

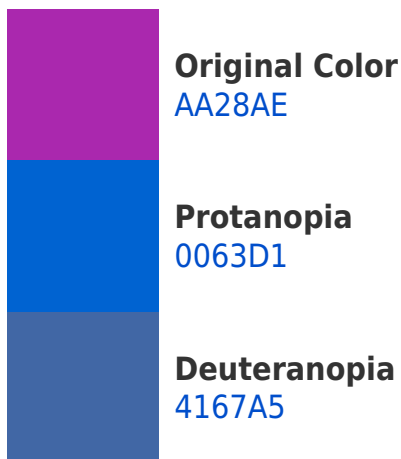


This preview shows how white text looks on a background with the Hex color AA28AE.

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
9F4C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA28AE 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 #AA28AE looks like.

```
.text, #text, p{  
    color:#AA28AE  
}
```

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 #AA28AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA28AE
}
```

Border

The CSS property to change the border of an element to Hex AA28AE 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
#AA28AE }
```

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

```
.border{ border-color:#AA28AE }
```

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

Here you see how a box with a 4 pixel #AA28AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA28AE; -webkit-box-shadow:4px 4px  
4px 4px #AA28AE; box-shadow:4px 4px 4px  
4px #AA28AE }
```

Background

The CSS property to change the background color of an element to Hex AA28AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA28AE }
```

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

```
.background{ background-color:#AA28AE }
```

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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