

Converting Colors

Hex(AA4BCF)

Have a look what the booklet for
Hex(AA4BCF) contains.

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Color

Hex(AA4BCF)

Conversions

Conversions Part 1

Format	Color
Hex	AA4BCF
RGB	170, 75, 207
RGB Percent	67%, 29%, 81%
CMY	0.3333, 0.7059, 0.1882
CMYK	0.18, 0.64, 0.00, 0.19
HSL	283°, 58%, 55%
HSV	283°, 64%, 81%
XYZ	30.3561, 18.0832, 60.9219
YIQ	118.4530, 14.2480, 61.1920

Conversions

Conversions Part 2

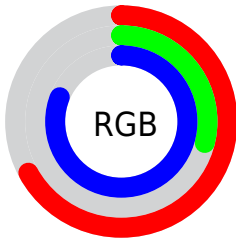
Format	Color
R _Y B	170, 75, 207
Decimal	11160527
CIE Lab	49.60, 59.03, -51.71
CIE LCh	50, 78.473, 318.784
Yxy	18.0832, 0.2776, 0.1654
Android (android.graphics.Color)	4289350607 (0xFFAA4BCF)
YUV	118.4530, 43.6537, 45.2067
Hunter-Lab	42.5243, 53.0052, -55.1740

Details

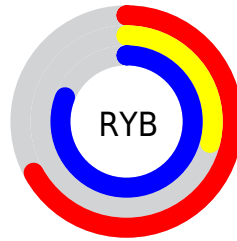
The Hex color **AA4BCF** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **70CF4B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E481FF**, and **720B98** is the 20% darker color. If you saturate the color by 10%, you get **A436CF**, and if you desaturate by 10%, it is **B060CF**.

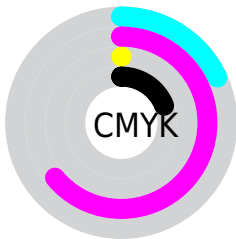
Distribution



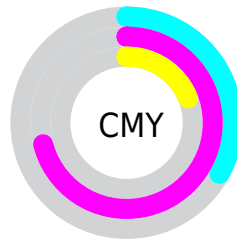
- Red (67%)
- Green (29%)
- Blue (81%)



- Red (67%)
- Yellow (29%)
- Blue (81%)



- Cyan (18%)
- Magenta (64%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (71%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4BCF 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 AA4BCF by changing the saturation by 10% instead.

■ AA4BCF

■ AA4BCF

FFFFFF

■ 8E2FB3

■ E481FF

■ 720B98

■ FF9DFF

■ 56007D

■ FFB9FF

■ 3B0064

■ FFD6FF

■ 23004B

■ FFF3FF

■ 000033

■ 00021D

■ 000000

■ AA4BCF

■ AA4BCF

 A436CF

 B060CF

 9E22CF

 B674CF

 990DCF

 BB89CF

 9500CF

 C19ECF

 C7B3CF

 CDC7CF

 D3DCCF

 D8F1CF

 DEFFCF

Harmonies

Analogous

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



0070F6



AA4BCF



DD1692

Triad

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



AA4BCF



A46A00



00929F

Complementary

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



AA4BCF



70CF4B

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.



00905A



AA4BCF



687F00

Square

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



AA4BCF



D04806



008B04



0090DA

Rectangle

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



AA4BCF



E80266



008B04



009289

Sweetspot

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



AA4BCF



F1CFFF



4B70CF



776280



000000



808080

Same Dimension

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



AA4BCF



C83BFF



CF4BB2



665E69



7900A8



1D0029

Inverse Universe

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



CF4B70



FF3B72



4BCF68



695E61



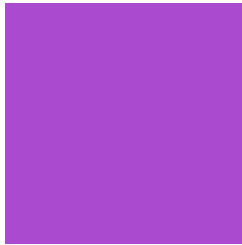
A8002F



29000B

Previews

White Background



This preview shows how the Hex color AA4BCF looks on a white background.

Color Contrast Check

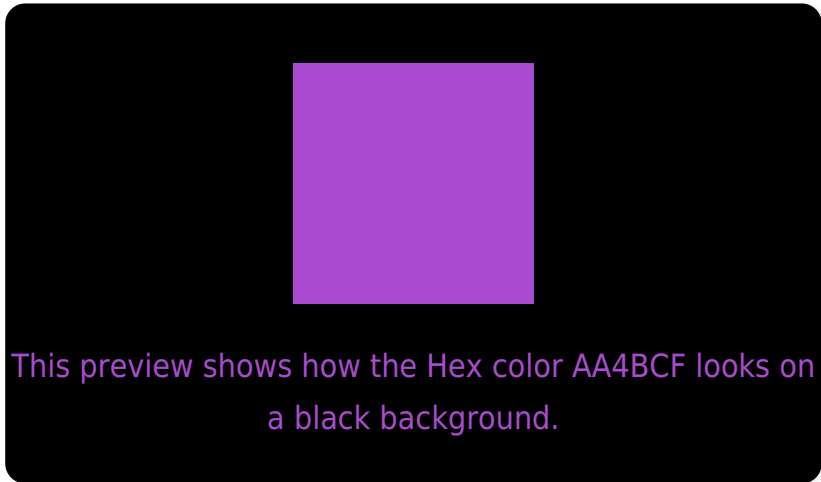
Large Text (above 18pt) WCAG AA ✓ Pass

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

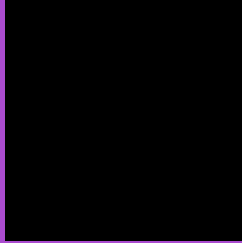
Any Text WCAG AA ✓ Pass

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 AA4BCF Background



This preview shows how black text looks on a background with the Hex color AA4BCF.



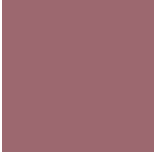
This preview shows how white text looks on a background with the Hex color AA4BCF.

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](#).

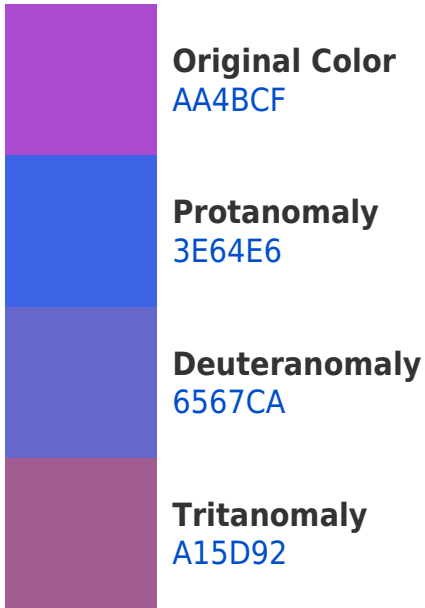
Dichromacy



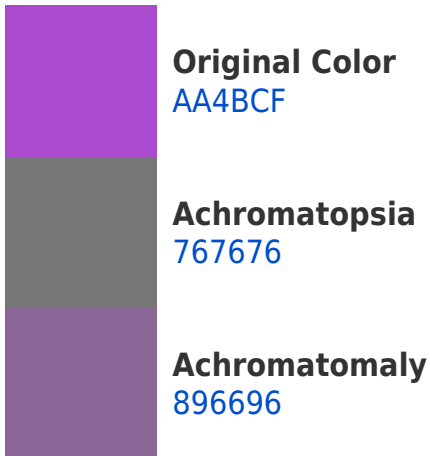


Tritanopia
9C686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA4BCF 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 #AA4BCF looks like.

```
.text, #text, p{  
    color:#AA4BCF  
}
```

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 #AA4BCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4BCF
}
```

Border

The CSS property to change the border of an element to Hex AA4BCF 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
#AA4BCF }
```

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

```
.border{ border-color:#AA4BCF }
```

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

Here you see how a box with a 4 pixel #AA4BCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4BCF; -webkit-box-shadow:4px 4px  
4px 4px #AA4BCF; box-shadow:4px 4px 4px  
4px #AA4BCF }
```

Background

The CSS property to change the background color of an element to Hex AA4BCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4BCF }
```

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

```
.background{ background-color:#AA4BCF }
```

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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