

Converting Colors

Hex(AA5FAC)

Have a look what the booklet for
Hex(AA5FAC) contains.

| | |
|--|----|
| Hex(AA5FAC) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(AA5FAC)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | AA5FAC |
| RGB | 170, 95, 172 |
| RGB Percent | 67%, 37%, 67% |
| CMY | 0.3333, 0.6275, 0.3255 |
| CMYK | 0.01, 0.45, 0.00, 0.33 |
| HSL | 298°, 32%, 52% |
| HSV | 298°, 45%, 67% |
| XYZ | 28.1162, 19.7090, 41.3521 |
| YIQ | 126.2030, 19.9830, 39.8470 |

Conversions

Conversions Part 2

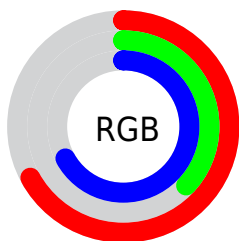
| Format | Color |
|-------------------------------------|--|
| RYB | 170, 95, 172 |
| Decimal | 11165612 |
| CIELab | 51.51, 42.18, -28.45 |
| CIELCh | 52, 50.871, 326.002 |
| Yxy | 19.7090, 0.3153, 0.2210 |
| Android (android.graphics.Color) | 4289355692 (0xFFAA5FAC) |
| YUV | 126.2030, 22.5779, 38.4100 |
| Hunter-Lab | 44.3948, 35.3567, -24.1499 |

Details

The Hex color **AA5FAC** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **61AC5F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E394E4**, and **742C77** is the 20% darker color. If you saturate the color by 10%, you get **AA4EAC**, and if you desaturate by 10%, it is **AA70AC**.

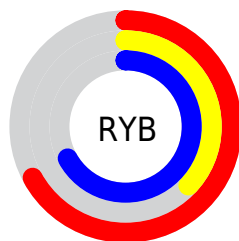
Distribution



Red (67%)

Green (37%)

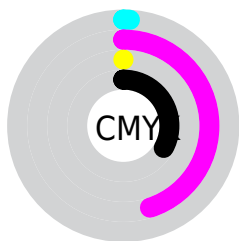
Blue (67%)



Red (67%)

Yellow (37%)

Blue (67%)

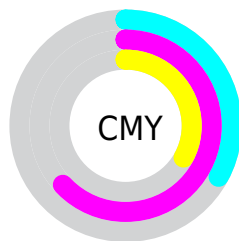


Cyan (1%)

Magenta (45%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (63%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5FAC 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 AA5FAC by changing the saturation by 10% instead.

 AA5FAC

FFFFFF

 E394E4

 FFAFFF

 FFCBFF

 FFE7FF

 AA5FAC

 8F4691

 742C77

 5A115E

 410046

 2B0030

 00001A

 000000

 AA5FAC

 AA5FAC

 AA4EAC

 AA70AC

 A93DAC

 AB81AC

 A92BAC

 AB93AC

 A81AAC

 ACA4AC

 A809AC

 ACB5AC

 A800AC

 ADC6AC

 ADD7AC

 AEE9AC

 AEFAAC

Harmonies

Analogous

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



7172C9



AA5FAC



C65382

Triad

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



AA5FAC



97771C



008FA0

Complementary

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



AA5FAC



61AC5F

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.



008F73



AA5FAC



6C8325

Square

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



AA5FAC



B76632



318B48



008BC2

Rectangle

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



AA5FAC



CA5365



318B48



009091

Sweetspot

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



AA5FAC



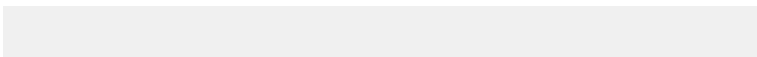
E0C3E0



5F62AC



705E70



F0F0F0



707070

Same Dimension

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



AA5FAC



DD67E0



AC5F88



564E57



930096



160017

Inverse Universe

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



AC5F61



E0676A



5FAC83



574E4E



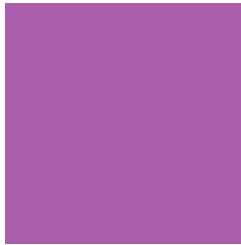
960004



170001

Previews

White Background



This preview shows how the Hex color AA5FAC looks on a white background.

Color Contrast Check

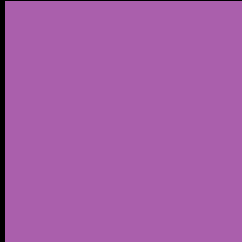
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color AA5FAC looks on a 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 AA5FAC Background



This preview shows how black text looks on a background with the Hex color AA5FAC.



This preview shows how white text looks on a background with the Hex color AA5FAC.

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



Original Color

AA5FAC

Protanopia

6079C1



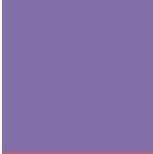

Deuteranopia

6E79A7





Tritanopia
A36C74

Trichromacy

| | |
|---|---------------------------------|
|  | Original Color AA5FAC |
|  | Protanomaly 7B70B9 |
|  | Deuteranomaly 8470A9 |
|  | Tritanomaly A66788 |

Monochromacy

| | |
|---|---------------------------------|
|  | Original Color AA5FAC |
|  | Achromatopsia 7E7E7E |
|  | Achromatomaly 8E738F |

CSS Examples

Text

The CSS property to change the color of the text to Hex AA5FAC 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 #AA5FAC looks like.

```
.text, #text, p{  
    color:#AA5FAC  
}
```

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 #AA5FAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5FAC
}
```

Border

The CSS property to change the border of an element to Hex AA5FAC 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
#AA5FAC }
```

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

```
.border{ border-color:#AA5FAC }
```

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

Here you see how a box with a 4 pixel #AA5FAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5FAC; -webkit-box-shadow:4px 4px  
4px 4px #AA5FAC; box-shadow:4px 4px 4px  
4px #AA5FAC }
```

Background

The CSS property to change the background color of an element to Hex AA5FAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5FAC }
```

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

```
.background{ background-color:#AA5FAC }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor