

# Converting Colors

Hex(AA5CCB)

Have a look what the booklet for  
Hex(AA5CCB) contains.

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# Color

Hex(AA5CCB)

# Conversions

## Conversions Part 1

Format	Color
Hex	AA5CCB
RGB	170, 92, 203
RGB Percent	67%, 36%, 80%
CMY	0.3333, 0.6392, 0.2039
CMYK	0.16, 0.55, 0.00, 0.20
HSL	282°, 52%, 58%
HSV	282°, 55%, 80%
XYZ	31.1842, 20.5121, 58.8156
YIQ	127.9760, 10.8570, 51.0570

# Conversions

## Conversions Part 2

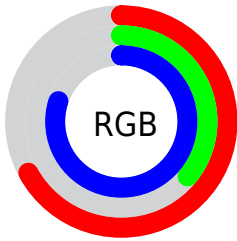
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 92, 203
Decimal	11164875
CIE <sub>Lab</sub>	52.41, 49.98, -44.93
CIE <sub>LCh</sub>	52, 67.206, 318.043
Yxy	20.5121, 0.2822, 0.1856
Android (android.graphics.Color)	4289354955 (0xFFAA5CCB)
YUV	127.9760, 36.9868, 36.8550
Hunter-Lab	45.2903, 43.6463, -45.2928

# Details

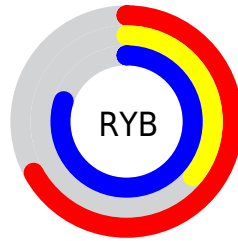
The Hex color **AA5CCB** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **7DCB5C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E391FF**, and **732894** is the 20% darker color. If you saturate the color by 10%, you get **A448CB**, and if you desaturate by 10%, it is **B070CB**.

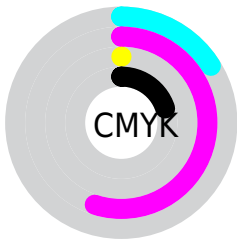
# Distribution



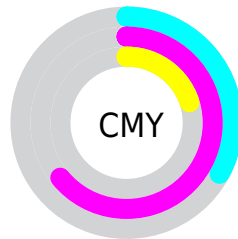
- Red (67%)
- Green (36%)
- Blue (80%)



- Red (67%)
- Yellow (36%)
- Blue (80%)



- Cyan (16%)
- Magenta (55%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (64%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA5CCB 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 AA5CCB by changing the saturation by 10% instead.



■ AA5CCB

■ AA5CCB

FFFFFF

■ 8E42AF

■ E391FF

■ 732894

■ FFADFF

■ 58077A

■ FFC9FF

■ 3E0061

■ FFE5FF

■ 250048

■ 000031

■ 00011B

■ 000000

■ AA5CCB

■ AA5CCB

 A448CB

 B070CB

 9E33CB

 B685CB

 981FCB

 BC99CB

 920BCB

 C2ADCB

 8F00CB

 C8C2CB

 CED6CB

 D4EACB

 DAFECB

 E0FFCB

# Harmonies

## Analogous

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



4078EC



AA5CCB



D84197

# Triad

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



AA5CCB



AA7200



00979F

# Complementary

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



AA5CCB



7DCB5C

# 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.



009563



AA5CCB



768500

# Square

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



AA5CCB



D05827



279027



0094D2

# Rectangle

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



AA5CCB



E23B70



279027



00978C



# Sweetspot

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



AA5CCB



F3D6FF



5C7DCB



786780



000000



808080



# Same Dimension

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



AA5CCB



CD57FF



CB5CB5



635C66



7400A6



1B0026



# Inverse Universe

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



CB5C7D



FF5789



5CCB72



665C5F



A60031

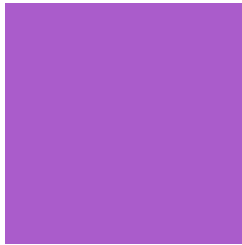


26000B



# Previews

## White Background



This preview shows how the Hex color AA5CCB looks on a white background.

## Color Contrast Check

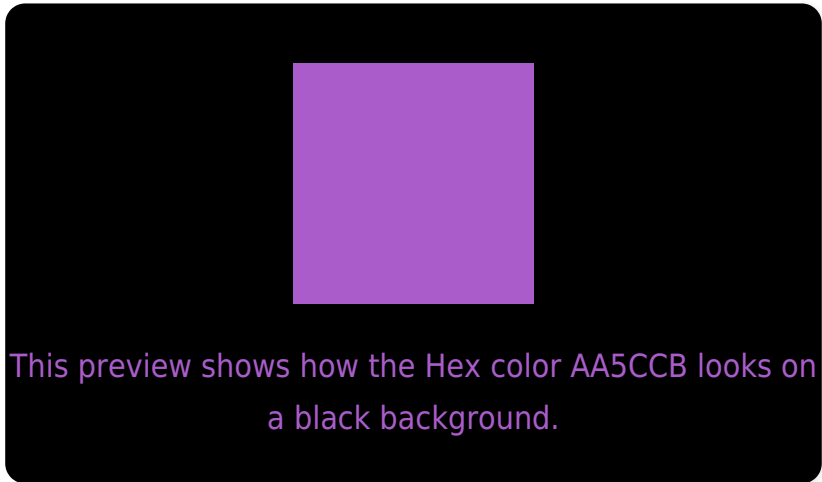
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

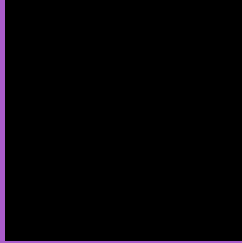
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA5CCB Background



This preview shows how black text looks on a background with the Hex color AA5CCB.

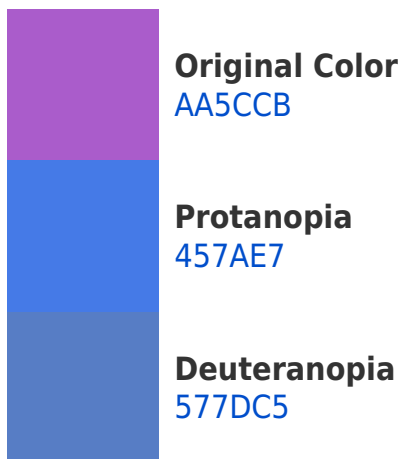


This preview shows how white text looks on a background with the Hex color AA5CCB.

# 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](#).

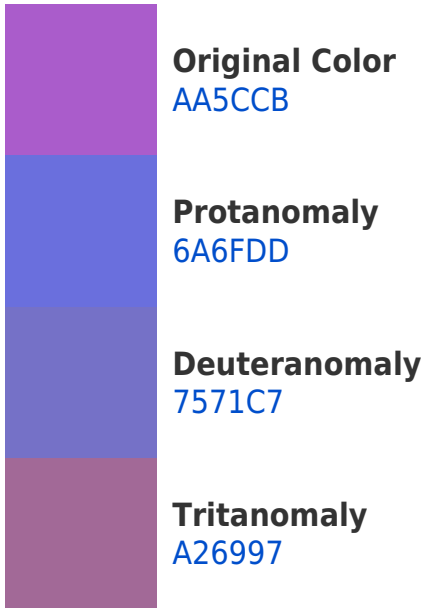
## Dichromacy



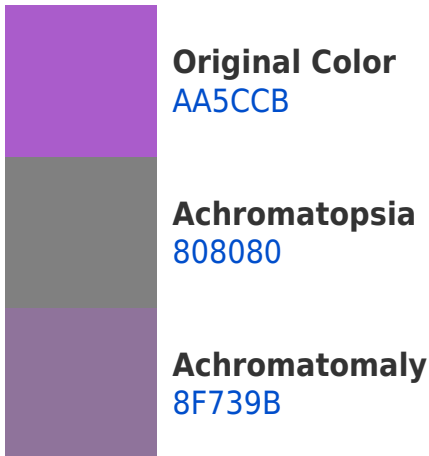


**Tritanopia**  
9E717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA5CCB 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 #AA5CCB looks like.

```
.text, #text, p{  
    color:#AA5CCB  
}
```

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 #AA5CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5CCB
}
```

## Border

The CSS property to change the border of an element to Hex AA5CCB 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
#AA5CCB }
```

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

```
.border{ border-color:#AA5CCB }
```

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

Here you see how a box with a 4 pixel #AA5CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5CCB; -webkit-box-shadow:4px 4px  
4px 4px #AA5CCB; box-shadow:4px 4px 4px  
4px #AA5CCB }
```

# Background

The CSS property to change the background color of an element to Hex AA5CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5CCB }
```

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

```
.background{ background-color:#AA5CCB }
```

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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