

Converting Colors

Hex(AA5587)

Have a look what the booklet for
Hex(AA5587) contains.

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Color

Hex(AA5587)

Conversions

Conversions Part 1

Format	Color
Hex	AA5587
RGB	170, 85, 135
RGB Percent	67%, 33%, 53%
CMY	0.3333, 0.6667, 0.4706
CMYK	0.00, 0.50, 0.21, 0.33
HSL	325°, 33%, 50%
HSV	325°, 50%, 67%
XYZ	24.1992, 16.7923, 24.8875
YIQ	116.1150, 34.6100, 33.5700

Conversions

Conversions Part 2

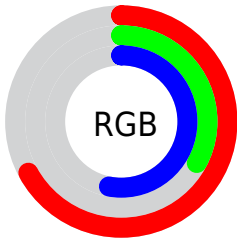
Format	Color
R_{YB}	170, 85, 135
Decimal	11163015
CIE _{Lab}	48.00, 41.05, -11.94
CIE _{LCh}	48, 42.754, 343.777
Yxy	16.7923, 0.3673, 0.2549
Android (android.graphics.Color)	4289353095 (0xFFAA5587)
YUV	116.1150, 9.3103, 47.2571
Hunter-Lab	40.9784, 33.6984, -7.3238

Details

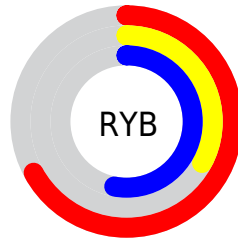
The Hex color **AA5587** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **55AA78**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E389BC**, and **732255** is the 20% darker color. If you saturate the color by 10%, you get **AA4480**, and if you desaturate by 10%, it is **AA668E**.

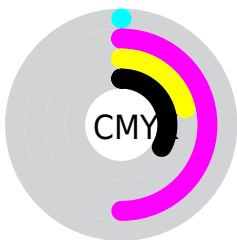
Distribution



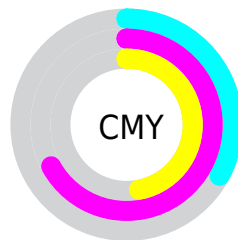
- Red (67%)
- Green (33%)
- Blue (53%)



- Red (67%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5587 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 AA5587 by changing the saturation by 10% instead.

■ AA5587

■ AA5587

FFFFFF

■ 8E3C6E

■ E389BC

■ 732255

■ FFA4D8

■ 59023E

■ FFC0F5

■ 3F0028

■ FFDDFF

■ 2A0013

■ FFFAFF

■ 000000

■ AA5587

■ AA5587

■ AA4480

■ AA668E

■ AA3379

■ AA7795

■ AA2272

■ AA889C

■ AA116B

■ AA99A3

■ AA0064

■ AAAAAA

■ AABBB1

■ AACCB8

■ AADDBF

■ AAEEC6

Harmonies

Analogous

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



8A62A6



AA5587



B55263

Triad

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



AA5587



767527



0082A3

Complementary

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



AA5587



55AA78

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.



008482



AA5587



4E7E3B

Square

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



AA5587



96692B



00825D



007BB7

Rectangle

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



AA5587



B1574C



00825D



008399

Sweetspot

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



AA5587



DEBDD0



7755AA



705C68



F0F0F0



707070

Same Dimension

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



AA5587



DE59A7



AA555E



544C51



940057



14000C

Inverse Universe

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



AA5587



DE59A7



55AAA1



544C51



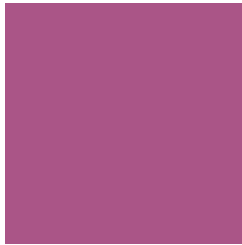
940057



14000C

Previews

White Background



This preview shows how the Hex color AA5587 looks on a white background.

Color Contrast Check

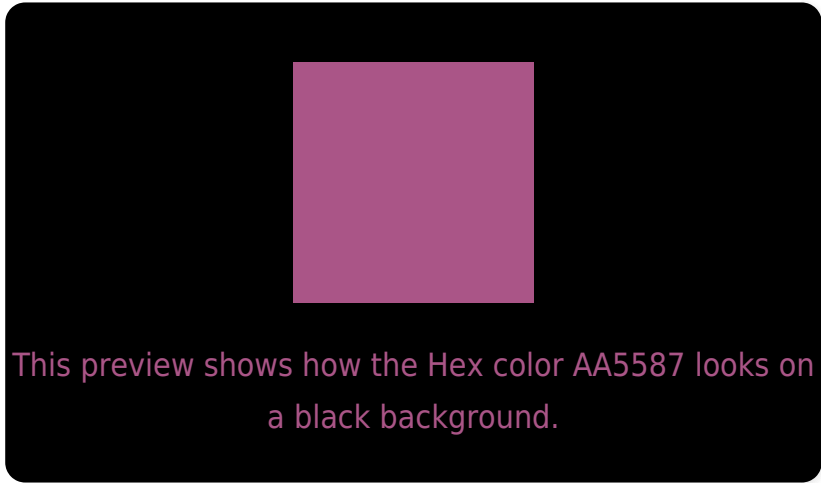
Large Text (above 18pt) WCAG AA ✓ Pass

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

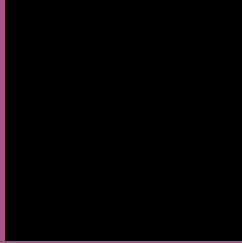
Any Text WCAG AA × Fail

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 AA5587 Background



This preview shows how black text looks on a background with the Hex color AA5587.

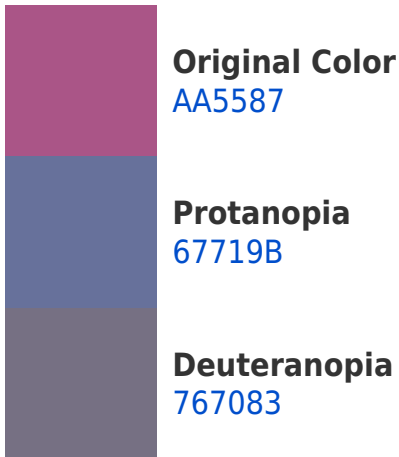



This preview shows how white text looks on a background with the Hex color AA5587.

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
A65C63

Trichromacy



Original Color
AA5587

Protanomaly
7F6794

Deuteranomaly
896684

Tritanomaly
A75970

Monochromacy



Original Color
AA5587

Achromatopsia
747474

Achromatomaly
88697B

CSS Examples

Text

The CSS property to change the color of the text to Hex AA5587 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 #AA5587 looks like.

```
.text, #text, p{  
    color:#AA5587  
}
```

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 #AA5587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5587
}
```

Border

The CSS property to change the border of an element to Hex AA5587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

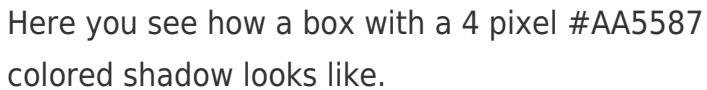
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA5587 }
```

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

```
.border{ border-color:#AA5587 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow that is 4 pixels wide and 4 pixels high. The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #AA5587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5587; -webkit-box-shadow:4px 4px  
4px 4px #AA5587; box-shadow:4px 4px 4px  
4px #AA5587 }
```

Background

The CSS property to change the background color of an element to Hex AA5587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5587 }
```

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

```
.background{ background-color:#AA5587 }
```

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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