

# Converting Colors

Hex(AF5E87)

Have a look what the booklet for  
Hex(AF5E87) contains.

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# Color

**Hex(AF5E87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF5E87
RGB	175, 94, 135
RGB Percent	69%, 37%, 53%
CMY	0.3137, 0.6314, 0.4706
CMYK	0.00, 0.46, 0.23, 0.31
HSL	330°, 34%, 53%
HSV	330°, 46%, 69%
XYZ	26.0551, 18.8686, 25.1904
YIQ	122.8930, 35.1150, 29.9230

# Conversions

## Conversions Part 2

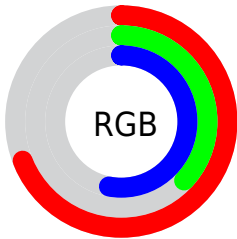
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 94, 135
Decimal	11492999
CIE <sub>Lab</sub>	50.53, 38.02, -8.07
CIE <sub>LCh</sub>	51, 38.869, 348.023
Yxy	18.8686, 0.3716, 0.2691
Android (android.graphics.Color)	4289683079 (0xFFAF5E87)
YUV	122.8930, 5.9688, 45.6978
Hunter-Lab	43.4380, 31.0516, -3.9766

# Details

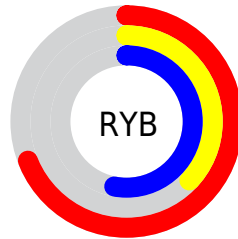
The Hex color **AF5E87** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5EAF86**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E892BC**, and **782C55** is the 20% darker color. If you saturate the color by 10%, you get **AF4D7E**, and if you desaturate by 10%, it is **AF7090**.

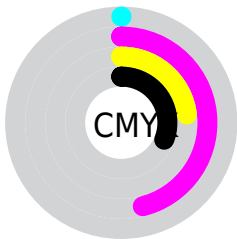
# Distribution



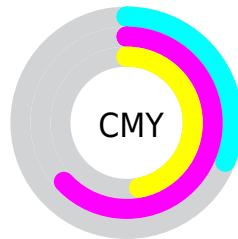
- Red (69%)
- Green (37%)
- Blue (53%)



- Red (69%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (31%)



- Cyan (31%)
- Magenta (63%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF5E87 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 AF5E87 by changing the saturation by 10% instead.



 AF5E87

 AF5E87

FFFFFF

 93456E

 E892BC

 782C55

 FFAED8

 5E113E

 FFC9F4

 440028

 FFE6FF

 2F0014

 000000

 AF5E87

 AF5E87

 AF4D7E

 AF7090

 AF3B76

 AF8198

 AF2A6D

 AF93A1

 AF1864

 AFA4AA

 AF075C

 AFB6B2

 AF0059

 AFC7BB

 AFD9C3

 AFEACC

 AFFCD5

# Harmonies

## Analogous

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



9468A5



AF5E87



B75D66

# Triad

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



AF5E87



787D37



0086A9

# Complementary

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



AF5E87



5EAF86

# 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.



00898C



AF5E87



52844A

# Square

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



AF5E87



977236



148869



0580B9

# Rectangle

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



AF5E87



B26251



148869



0088A0



# Sweetspot

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



AF5E87



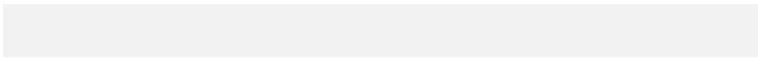
E3C3D3



855EAF



735F69



F2F2F2



737373



# Same Dimension

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



AF5E87



E364A4



AF5E5F



574E52



96004C



17000C



# Inverse Universe

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



AF5E87



E364A4



5EAFAE



574E52



96004C

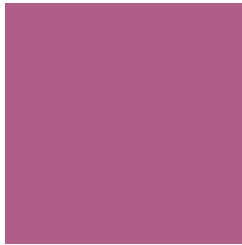


17000C



# Previews

## White Background



This preview shows how the Hex color AF5E87 looks on a white background.

## Color Contrast Check

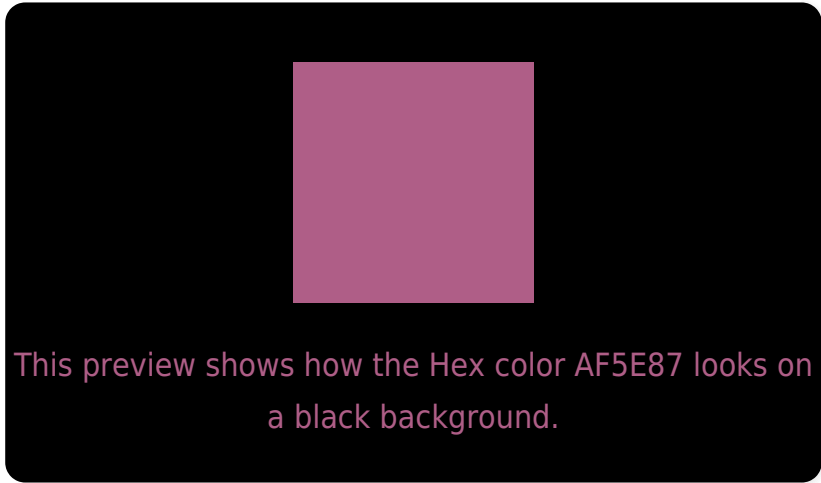
Large Text (above 18pt) WCAG AA ✓ Pass

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

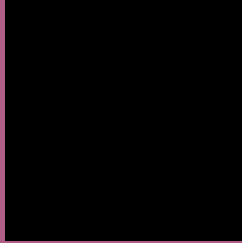
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF5E87 Background



This preview shows how black text looks on a background with the Hex color AF5E87.




This preview shows how white text looks on a background with the Hex color AF5E87.

# 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**  
AC636B

# Trichromacy



**Original Color**  
AF5E87

**Protanomaly**  
886F92

**Deuteranomaly**  
916D84

**Tritanomaly**  
AD6175

# Monochromacy



**Original Color**  
AF5E87

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
8E707F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF5E87 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 #AF5E87 looks like.

```
.text, #text, p{  
    color:#AF5E87  
}
```

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 #AF5E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5E87
}
```

## Border

The CSS property to change the border of an element to Hex AF5E87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

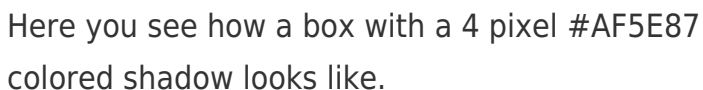
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF5E87 }
```

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

```
.border{ border-color:#AF5E87 }
```

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



Here you see how a box with a 4 pixel #AF5E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5E87; -webkit-box-shadow:4px 4px  
4px 4px #AF5E87; box-shadow:4px 4px 4px  
4px #AF5E87 }
```

# Background

The CSS property to change the background color of an element to Hex AF5E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5E87 }
```

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

```
.background{ background-color:#AF5E87 }
```

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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