

# Converting Colors

Hex(AF5C73)

Have a look what the booklet for  
Hex(AF5C73) contains.

<b>Hex(AF5C73)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AF5C73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF5C73
RGB	175, 92, 115
RGB Percent	69%, 36%, 45%
CMY	0.3137, 0.6392, 0.5490
CMYK	0.00, 0.47, 0.34, 0.31
HSL	343°, 34%, 52%
HSV	343°, 47%, 69%
XYZ	24.6009, 18.0061, 18.3986
YIQ	119.4390, 42.0850, 24.7490

# Conversions

## Conversions Part 2

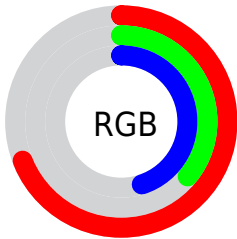
Format	Color
R <sub>Y</sub> B	175, 92, 115
Decimal	11492467
CIE Lab	49.50, 36.30, 2.37
CIE LCh	50, 36.380, 3.730
Yxy	18.0061, 0.4033, 0.2952
Android (android.graphics.Color)	4289682547 (0xFFAF5C73)
YUV	119.4390, -2.1884, 48.7270
Hunter-Lab	42.4335, 29.2267, 3.9962

# Details

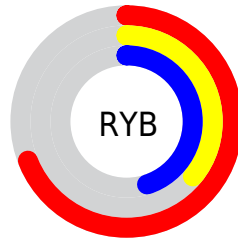
The Hex color **AF5C73** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5CAF98**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E990A7**, and **782A43** is the 20% darker color. If you saturate the color by 10%, you get **AF4B66**, and if you desaturate by 10%, it is **AF6E80**.

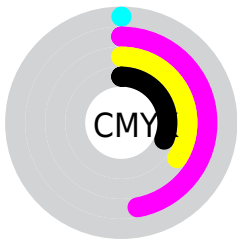
# Distribution



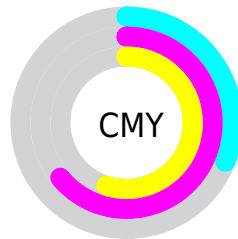
- Red (69%)
- Green (36%)
- Blue (45%)



- Red (69%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF5C73 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 AF5C73 by changing the saturation by 10% instead.



 AF5C73

 AF5C73

FFFFFF

 93435B

 E990A7

 782A43

 FFABC2

 5D0F2D

 FFC7DE

 430019

 FFE4FA

 2E0002

 000000

 AF5C73

 AF5C73

 AF4B66

 AF6E80

 AF395A

 AF7F8C

 AF274D

 AF9199

 AF1640

 AFA2A6

 AF0434

 AFB4B2

 AF0030

 AFC5BF

 AFD7CC

 AFE8D8

 AFFAE5

# Harmonies

## Analogous

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



9F6192



AF5C73



AE6055

# Triad

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



AF5C73



647E41



0080AC

# Complementary

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



AF5C73



5CAF98

# 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.



008597



AF5C73



3C8359

# Square

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



AF5C73



857536



008679



4978B3

# Rectangle

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



AF5C73



A56745



008679



0082A7



# Sweetspot

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



AF5C73



E3C3CC



975CAF



735F65



F2F2F2



737373



# Same Dimension

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



AF5C73



E36285



AF6E5C



574E50



96002A



170006



# Inverse Universe

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



AF5C73



E36285



5C9DAF



574E50



96002A

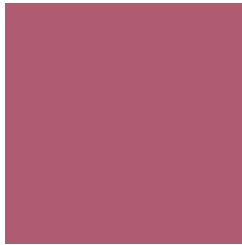


170006



# Previews

## White Background



This preview shows how the Hex color AF5C73 looks on a white background.

## Color Contrast Check

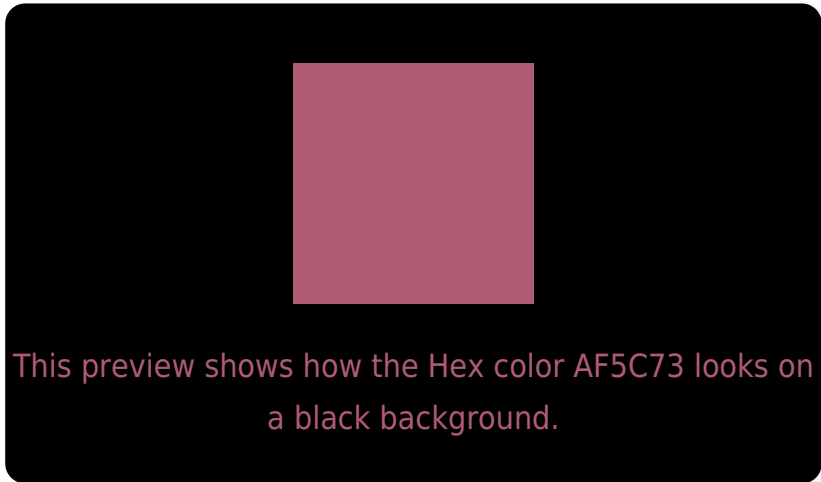
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF5C73 Background



This preview shows how black text looks on a background with the Hex color AF5C73.

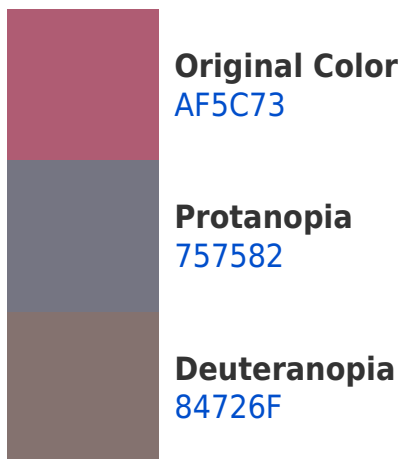


This preview shows how white text looks on a background with the Hex color AF5C73.

# Color Blindness Simulation

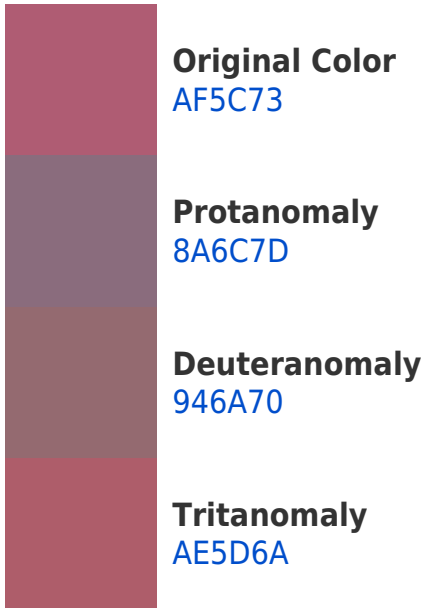
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF5C73 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 #AF5C73 looks like.

```
.text, #text, p{  
    color:#AF5C73  
}
```

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 #AF5C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5C73
}
```

## Border

The CSS property to change the border of an element to Hex AF5C73 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
#AF5C73 }
```

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

```
.border{ border-color:#AF5C73 }
```

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

Here you see how a box with a 4 pixel #AF5C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5C73; -webkit-box-shadow:4px 4px  
4px 4px #AF5C73; box-shadow:4px 4px 4px  
4px #AF5C73 }
```

# Background

The CSS property to change the background color of an element to Hex AF5C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5C73 }
```

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

```
.background{ background-color:#AF5C73 }
```

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