

# Converting Colors

Hex(AF576B)

Have a look what the booklet for  
Hex(AF576B) contains.

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# Color

**Hex(AF576B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF576B
RGB	175, 87, 107
RGB Percent	69%, 34%, 42%
CMY	0.3137, 0.6588, 0.5804
CMYK	0.00, 0.50, 0.39, 0.31
HSL	346°, 35%, 51%
HSV	346°, 50%, 69%
XYZ	23.7412, 16.9919, 15.9384
YIQ	115.5920, 46.0280, 24.8760

# Conversions

## Conversions Part 2

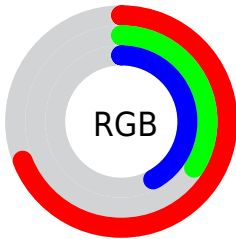
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 87, 107
Decimal	11491179
CIE <sub>Lab</sub>	48.25, 37.95, 5.37
CIE <sub>LCh</sub>	48, 38.329, 8.056
Yxy	16.9919, 0.4189, 0.2998
Android (android.graphics.Color)	4289681259 (0xFFAF576B)
YUV	115.5920, -4.2359, 52.1008
Hunter-Lab	41.2212, 30.6694, 5.9301

# Details

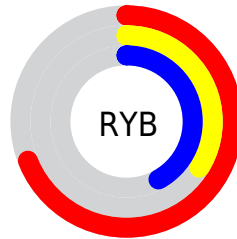
The Hex color **AF576B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **57AF9B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E98B9E**, and **77243C** is the 20% darker color. If you saturate the color by 10%, you get **AF465D**, and if you desaturate by 10%, it is **AF6979**.

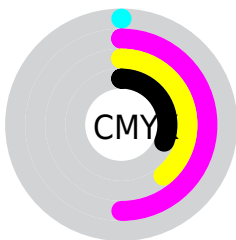
# Distribution



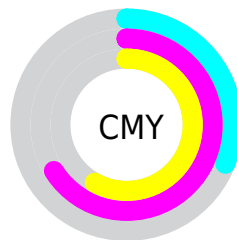
- Red (69%)
- Green (34%)
- Blue (42%)



- Red (69%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF576B 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 AF576B by changing the saturation by 10% instead.



 AF576B

 AF576B

FFFFFF

 933E53

 E98B9E

 77243C

 FFA6B9

 5C0726

 FFC2D5

 420012

 FFDEF1

 2B0001

 FFFBFF

 000000

 AF576B

 AF576B

 AF465D

 AF6979

 AF3450

 AF7A86

 AF2242

 AF8B94

 AF1135

 AF9DA1

 AF0028

 AFAFAF

 AFC0BC

 AFD2CA

 AFE3D7

 AFF4E5

# Harmonies

## Analogous

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



A15B8B



AF576B



AB5D4C

# Triad

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



AF576B



5B7C3E



007CAE

# Complementary

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



AF576B



57AF9B

# 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.



00829A



AF576B



2B8159

# Square

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



AF576B



7D7430



00837B



4B73B3

# Rectangle

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



AF576B



A0643C



00837B



007FA9



# Sweetspot

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



AF576B



E3C1C9



9A57AF



735E63



F2F2F2



737373



# Same Dimension

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



AF576B



E35B7A



AF6E57



574E50



960022



170005



# Inverse Universe

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



AF576B



E35B7A



5798AF



574E50



960022

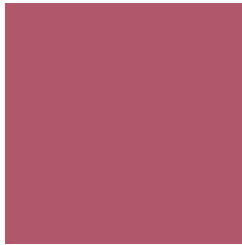


170005



# Previews

## White Background



This preview shows how the Hex color AF576B looks on a white background.

## Color Contrast Check

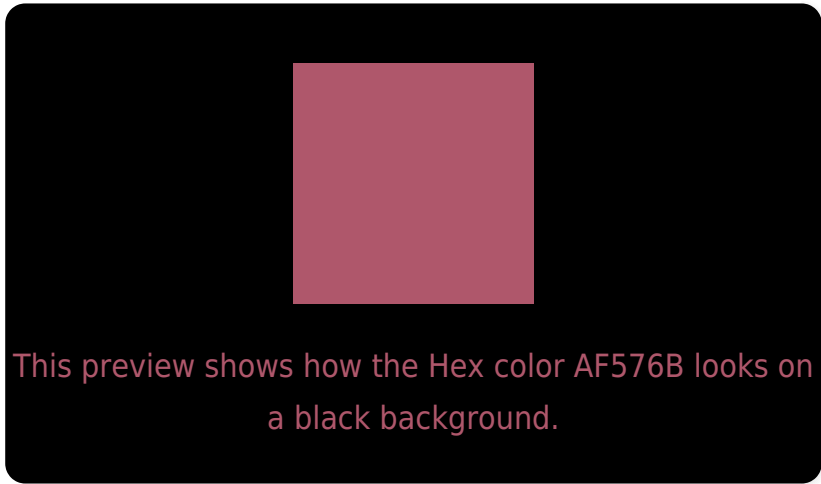
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF576B Background



This preview shows how black text looks on a background with the Hex color AF576B.




This preview shows how white text looks on a background with the Hex color AF576B.

# 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](#).

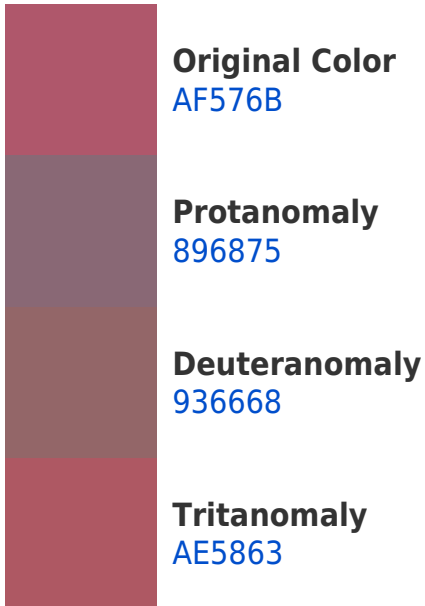
## Dichromacy





**Tritanopia**  
AE595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF576B 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 #AF576B looks like.

```
.text, #text, p{  
    color:#AF576B  
}
```

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 #AF576B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF576B
}
```

## Border

The CSS property to change the border of an element to Hex AF576B is called "border". The border property can be set on classes, ids or directly on the HTML element.

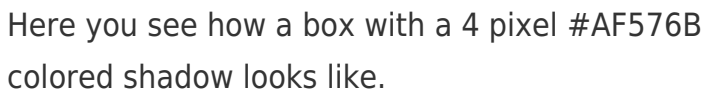
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF576B }
```

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

```
.border{ border-color:#AF576B }
```

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



Here you see how a box with a 4 pixel `#AF576B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF576B; -webkit-box-shadow:4px 4px  
4px 4px #AF576B; box-shadow:4px 4px 4px  
4px #AF576B }
```

# Background

The CSS property to change the background color of an element to Hex AF576B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF576B }
```

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

```
.background{ background-color:#AF576B }
```

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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