

# Converting Colors

Hex(AF75A5)

Have a look what the booklet for  
Hex(AF75A5) contains.

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**Color**

**Hex(AF75A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF75A5
RGB	175, 117, 165
RGB Percent	69%, 46%, 65%
CMY	0.3137, 0.5412, 0.3529
CMYK	0.00, 0.33, 0.06, 0.31
HSL	310°, 27%, 57%
HSV	310°, 33%, 69%
XYZ	30.8320, 24.5532, 38.7115
YIQ	139.8140, 19.1600, 27.2240

# Conversions

## Conversions Part 2

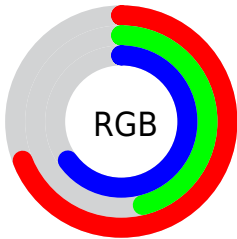
Format	Color
R <sub>Y</sub> B	175, 117, 165
Decimal	11498917
CIE Lab	56.64, 30.46, -16.45
CIE LCh	57, 34.616, 331.631
Yxy	24.5532, 0.3277, 0.2609
Android (android.graphics.Color)	4289688997 (0xFFAF75A5)
YUV	139.8140, 12.4167, 30.8581
Hunter-Lab	49.5511, 24.3529, -11.6341

# Details

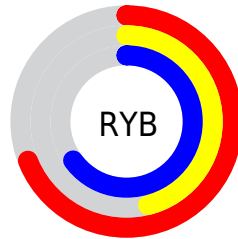
The Hex color **AF75A5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **75AF7F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E7AADC**, and **794371** is the 20% darker color. If you saturate the color by 10%, you get **AF63A2**, and if you desaturate by 10%, it is **AF87A8**.

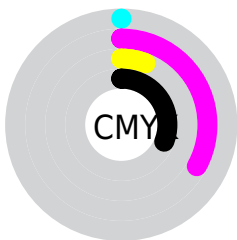
# Distribution



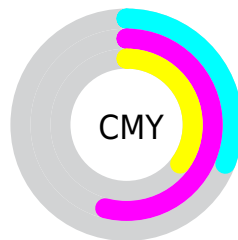
- Red (69%)
- Green (46%)
- Blue (65%)



- Red (69%)
- Yellow (46%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (54%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF75A5 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 AF75A5 by changing the saturation by 10% instead.



■ AF75A5

■ AF75A5

FFFFFF

■ 945C8B

■ E7AADC

■ 794371

■ FFC5F9

■ 602C59

■ FFE2FF

■ 471441

■ 2F002B

■ 180016

■ 000000

■ AF75A5

■ AF75A5

■ AF63A2

■ AF87A8

 AF529F

 AF98AB

 AF419C

 AFAAAAE

 AF2F99

 AFB3BB1

 AF1E96

 AFCDB4

 AF0C93

 AFDEB7

 AF0091

 AFF0BA

 AFFFBD

 AFFFC0

# Harmonies

## Analogous

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



8D7FBB



AF75A5



C07087

# Triad

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



AF75A5



9A874B



0097A6

# Complementary

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



AF75A5



75AF7F

# 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.



259889



AF75A5



7A8F53

# Square

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



AF75A5



B27C53



55956A



1992BC

# Rectangle

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



AF75A5



C27173



55956A



00989D



# Sweetspot

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



AF75A5



E3CCDF



7F75AF



736570



F2F2F2



737373



# Same Dimension

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



AF75A5



E388D3



AF7588



574E55



96007D



170013



# Inverse Universe

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



AF75A5



E388D3



75AF9C



574E55



96007D

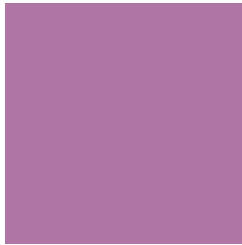


170013



# Previews

## White Background



This preview shows how the Hex color AF75A5 looks on a white background.

## Color Contrast Check

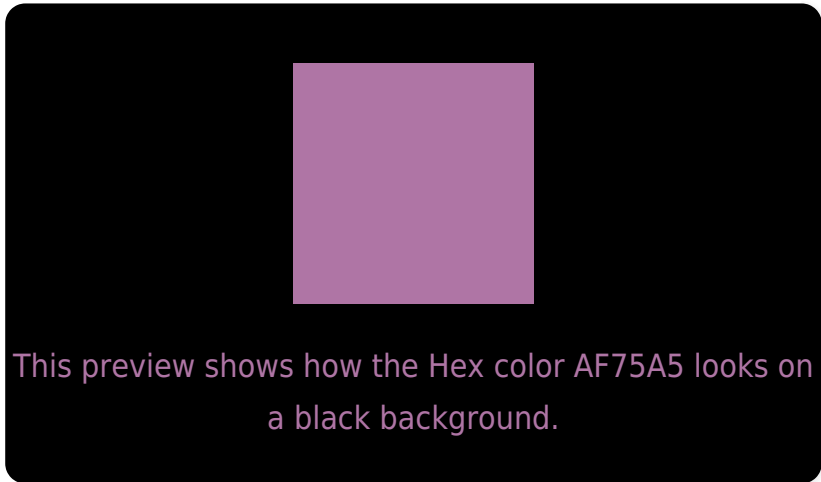
Large Text (above 18pt) WCAG AA ✓ Pass

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

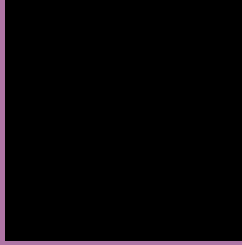
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF75A5 Background



This preview shows how black text looks on a background with the Hex color AF75A5.

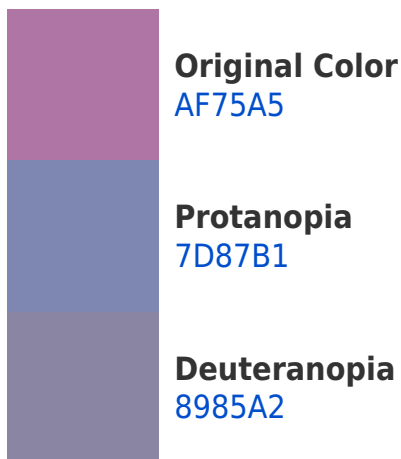


This preview shows how white text looks on a background with the Hex color AF75A5.

# 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](#).

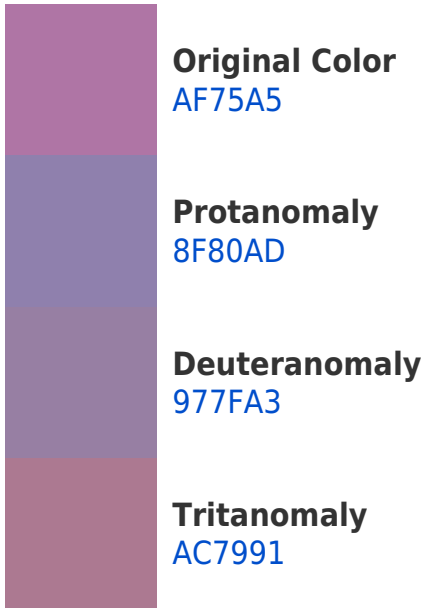
## Dichromacy



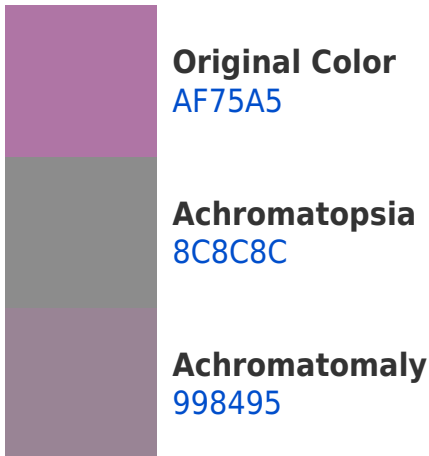


**Tritanopia**  
AB7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF75A5 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 #AF75A5 looks like.

```
.text, #text, p{  
    color:#AF75A5  
}
```

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 #AF75A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF75A5
}
```

## Border

The CSS property to change the border of an element to Hex AF75A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

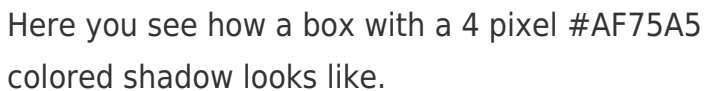
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF75A5 }
```

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

```
.border{ border-color:#AF75A5 }
```

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



Here you see how a box with a 4 pixel #AF75A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF75A5; -webkit-box-shadow:4px 4px  
4px 4px #AF75A5; box-shadow:4px 4px 4px  
4px #AF75A5 }
```

# Background

The CSS property to change the background color of an element to Hex AF75A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF75A5 }
```

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

```
.background{ background-color:#AF75A5 }
```

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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