

# Converting Colors

Hex(AAAFC5)

Have a look what the booklet for  
Hex(AAFC5) contains.

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# **Color**

**Hex(AAAFC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAAF C5
RGB	170, 175, 197
RGB Percent	67%, 69%, 77%
CMY	0.3333, 0.3137, 0.2275
CMYK	0.14, 0.11, 0.00, 0.23
HSL	229°, 19%, 72%
HSV	229°, 14%, 77%
XYZ	41.9856, 43.2372, 58.9561
YIQ	176.0130, -10.0420, 5.7820

# Conversions

## Conversions Part 2

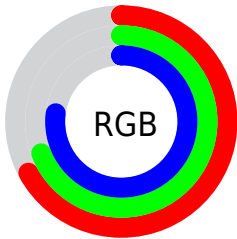
Format	Color
R <sub>Y</sub> B	170, 174, 197
Decimal	11186117
CIE Lab	71.72, 2.71, -11.78
CIE LCh	72, 12.086, 282.956
Yxy	43.2372, 0.2912, 0.2999
Android (android.graphics.Color)	4289376197 (0xFFAA AFC5)
YUV	176.0130, 10.3466, -5.2734
Hunter-Lab	65.7550, -1.0963, -7.1310

# Details

The Hex color **AAAF5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **C5C0AA**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E1E6FE**, and **767B8F** is the 20% darker color. If you saturate the color by 10%, you get **969FC5**, and if you desaturate by 10%, it is **BEBFC5**.

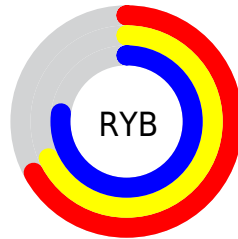
# Distribution



Red (67%)

Green (69%)

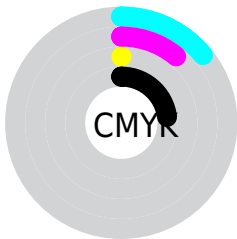
Blue (77%)



Red (67%)

Yellow (68%)

Blue (77%)

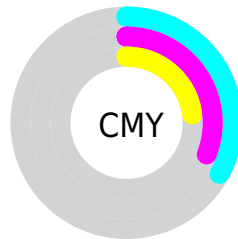


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (31%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA AFC5 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 AA AFC5 by changing the saturation by 10% instead.



■ AA AFC5

■ AA AFC5

FFFFFF

■ 8F94AA

■ E1E6FE

■ 767B8F

FEFFFF

■ 5D6276

■ 454A5D

■ 2E3445

■ 191F2F

■ 00051B

■ 000000

■ AA AFC5

■ AA AFC5

■ 969FC5

■ BEBFC5

■ 838FC5

■ D1CFC5

■ 6F7FC5

■ E5DFC5

■ 5B6FC5

■ F9EFC5

■ 485FC5

■ FFFFC5

■ 344FC5

■ 203FC5

■ 0C2FC5

■ 0024C5

# Harmonies

## Analogous

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



9DB3C4



AAAF5



B8ABC0

# Triad

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



AAAF5



C6AAA1



9BB6A9

# Complementary

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



AAAF5



C5C0AA

# 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.



A7B49F



AAAF5



BFAD9B

# Square

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



AAAF5



C7A8AB



B4B09A



95B6B4

# Rectangle

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



AAAF C5



BFAABA



B4B09A



9FB5A5



# Sweetspot

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



AAAF C5



F5F7 FF



AA C5C0



797A 80



0000 00



8080 80



# Same Dimension

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



AAAF C5



D6DE FF



B2AA C5



5A5B 63



001E A3



0007 24



# Inverse Universe

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



C5AAAF



FFD6DE



BDC5AA



635A5B



A3001E

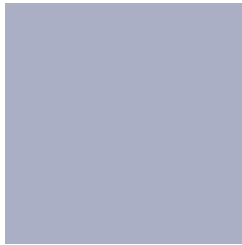


240007



# Previews

## White Background



This preview shows how the Hex color AA AFC5 looks on a white background.

## Color Contrast Check

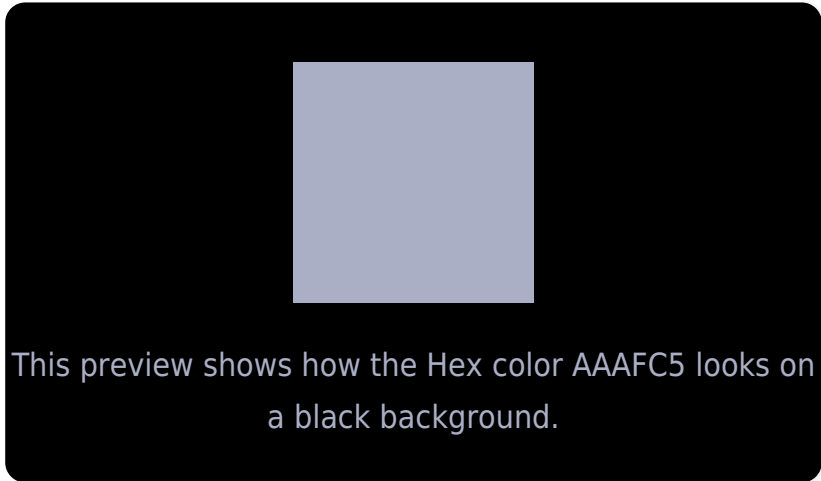
Large Text (above 18pt) WCAG AA × Fail

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

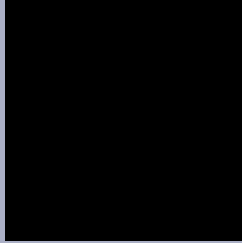
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

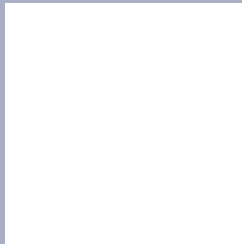
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AA AFC5 Background



This preview shows how black text looks on a background with the Hex color AA AFC5.



This preview shows how white text looks on a background with the Hex color AA AFC5.

# 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](#).

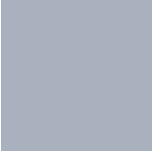
## Dichromacy



**Original Color**  
AAAFC5

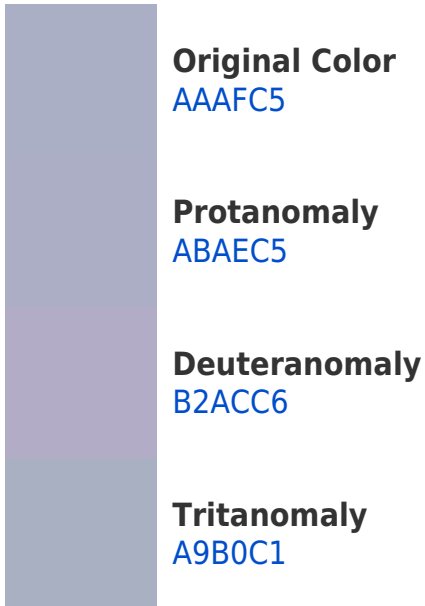
**Protanopia**  
ACAEC5

**Deuteranopia**  
B6ABC6

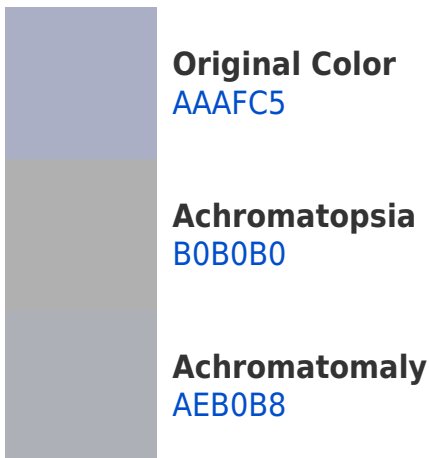


**Tritanopia**  
A9B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA AFC5 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 #AA AFC5 looks like.

```
.text, #text, p{  
    color:#AA AFC5  
}
```

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 #AA AFC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA AFC5
}
```

## Border

The CSS property to change the border of an element to Hex AA AFC5 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
#AA AFC5 }
```

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

```
.border{ border-color:#AAAFc5 }
```

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

Here you see how a box with a 4 pixel #AAAFc5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAAFc5; -webkit-box-shadow:4px 4px  
4px 4px #AAAFc5; box-shadow:4px 4px 4px  
4px #AAAFc5 }
```

# Background

The CSS property to change the background color of an element to Hex AA AFC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA AFC5 }
```

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

```
.background{ background-color:#AA AFC5 }
```

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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