

# Converting Colors

Hex(AAAFC6)

Have a look what the booklet for  
Hex(AAFC6) contains.

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# Color

**Hex(AAAF6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAAF C6
RGB	170, 175, 198
RGB Percent	67%, 69%, 78%
CMY	0.3333, 0.3137, 0.2235
CMYK	0.14, 0.12, 0.00, 0.22
HSL	229°, 20%, 72%
HSV	229°, 14%, 78%
XYZ	42.1006, 43.2832, 59.5616
YIQ	176.1270, -10.3630, 6.0930

# Conversions

## Conversions Part 2

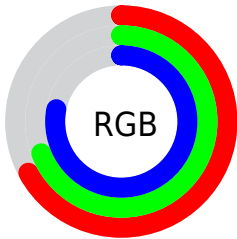
Format	Color
R <sub>Y</sub> B	170, 174, 198
Decimal	11186118
CIE Lab	71.75, 2.92, -12.28
CIE LCh	72, 12.624, 283.388
Yxy	43.2832, 0.2905, 0.2986
Android (android.graphics.Color)	4289376198 (0xFFAA AFC6)
YUV	176.1270, 10.7834, -5.3734
Hunter-Lab	65.7900, -0.9060, -7.6240

# Details

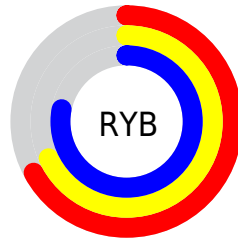
The Hex color **AAAF66** is a light color, and the websafe version is hex **999999**. A complement of this color would be **C6C1AA**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E1E6FF**, and **767B90** is the 20% darker color. If you saturate the color by 10%, you get **969FC6**, and if you desaturate by 10%, it is **BEBFC6**.

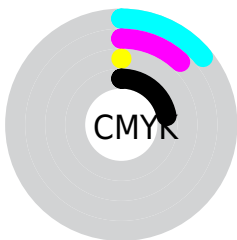
# Distribution



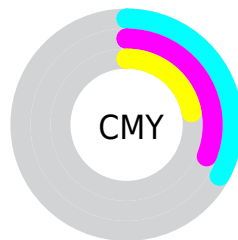
- Red (67%)
- Green (69%)
- Blue (78%)



- Red (67%)
- Yellow (68%)
- Blue (78%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (31%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA AFC6 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 AFC6 by changing the saturation by 10% instead.



■ AA AFC6

■ AA AFC6

FFFFFF

■ 8F94AB

■ E1E6FF

■ 767B90

FEFFFF

■ 5D6277

■ 454A5E

■ 2E3446

■ 191F30

■ 00051B

■ 000000

■ AA AFC6

■ AA AFC6

■ 969FC6

■ BEBFC6

■ 828EC6

■ D2D0C6

■ 6F7EC6

■ E5E0C6

■ 5B6EC6

■ F9F0C6

■ 475EC6

■ FFFFC6

■ 334DC6

■ 1F3DC6

■ 0C2DC6

■ 0023C6

# Harmonies

## Analogous

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



9CB3C5



AA AFC6



B8ABC1

# Triad

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



AAAF6C



C7AAA0



9AB6A9

# Complementary

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



AAAF06



06AAAF

# 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.



A6B49F



AAAF6C



BFAD9A

# Square

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



AAAF6C



C8A8AB



B4B199



93B7B5

# Rectangle

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



AAAF6C



C0A9BA



B4B199



9EB6A5



# Sweetspot

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



AAAF66



F5F7FF



AAC6C1



797A80



000000



808080



# Same Dimension

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



AA AFC6



D4 DBFF



B3 AAC6



5A 5B63



001 DA3



000 624



# Inverse Universe

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



C6AAAF



FFD4DB



BDC6AA



635A5B



A3001D

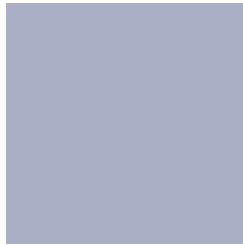


240006



# Previews

## White Background



This preview shows how the Hex color AA AFC6 looks on a white background.

## Color Contrast Check

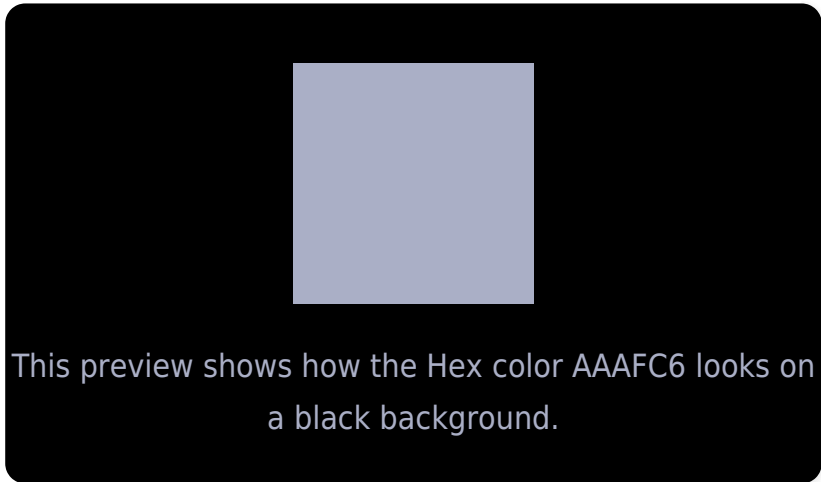
Large Text (above 18pt) WCAG AA × Fail

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

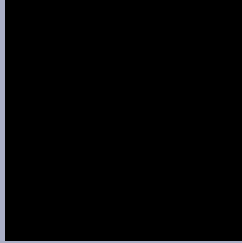
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

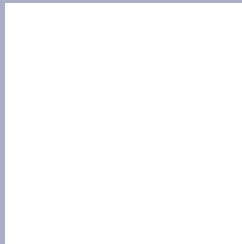
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AA AFC6 Background



This preview shows how black text looks on a background with the Hex color AA AFC6.



This preview shows how white text looks on a background with the Hex color AA AFC6.

# 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**

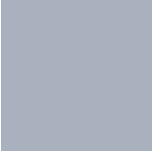
AAAFC6

**Protanopia**

ACAEC6

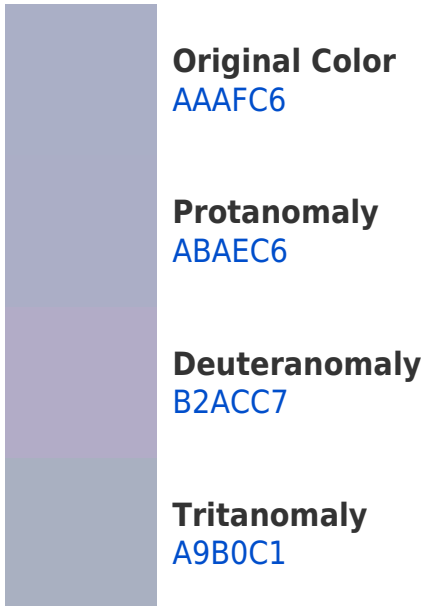
**Deuteranopia**

B6ABC7

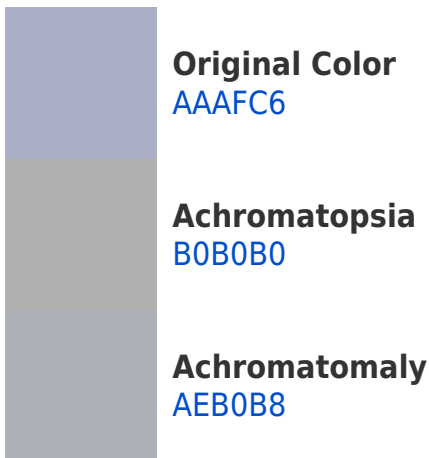


**Tritanopia**  
A9B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA AFC6 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 AFC6 looks like.

```
.text, #text, p{  
    color:#AA AFC6  
}
```

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 AFC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA AFC6  
}
```

## Border

The CSS property to change the border of an element to Hex AA AFC6 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 AFC6 }
```

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

```
.border{ border-color:#AAAF66 }
```

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

Here you see how a box with a 4 pixel #AAAF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAAF66; -webkit-box-shadow:4px 4px  
4px 4px #AAAF66; box-shadow:4px 4px 4px  
4px #AAAF66 }
```

# Background

The CSS property to change the background color of an element to Hex AA AFC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA AFC6 }
```

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

```
.background{ background-color:#AA AFC6 }
```

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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