

Converting Colors

Hex(AFC168)

Have a look what the booklet for
Hex(AFC168) contains.

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Color

Hex(AFC168)

Conversions

Conversions Part 1

Format	Color
Hex	AFC168
RGB	175, 193, 104
RGB Percent	69%, 76%, 41%
CMY	0.3137, 0.2431, 0.5922
CMYK	0.09, 0.00, 0.46, 0.24
HSL	72°, 42%, 58%
HSV	72°, 46%, 76%
XYZ	39.2479, 48.2534, 20.3420
YIQ	177.4720, 17.8410, -31.4950

Conversions

Conversions Part 2

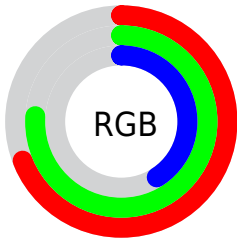
Format	Color
RYB	104, 193, 122
Decimal	11518312
CIELab	74.98, -19.84, 42.54
CIElCh	75, 46.937, 115.009
Yxy	48.2534, 0.3639, 0.4474
Android (android.graphics.Color)	4289708392 (0xFFAFC168)
YUV	177.4720, -36.2217, -2.1679
Hunter-Lab	69.4646, -20.7098, 31.2628

Details

The Hex color **AFC168** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A68C1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E8F99D**, and **798B36** is the 20% darker color. If you saturate the color by 10%, you get **ABC155**, and if you desaturate by 10%, it is **B3C17B**.

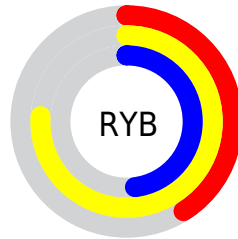
Distribution



Red (69%)

Green (76%)

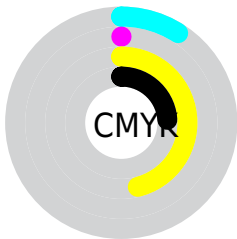
Blue (41%)



Red (41%)

Yellow (76%)

Blue (48%)

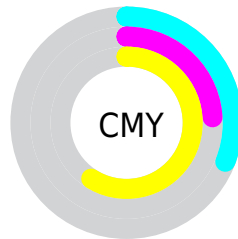


Cyan (9%)

Magenta (0%)

Yellow (46%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFC168 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 AFC168 by changing the saturation by 10% instead.

 AFC168

 AFC168

FFFFFF

 94A64F

 E8F99D

 798B36

 FFFFB8

 5F721C

 FFFFD4

 455900

 FFFFF1

 2E4200

 142C00

 001900

 000000

 AFC168

 AFC168

 ABC155

 B3C17B

 A7C141

 B7C18F

 A3C12E

 BBC1A2

 9FC11B

 BFC1B5

 9BC107

 C3C1C8

 9AC100

 C6C1DC

 CAC1EF

 CEC1FF

 D2C1FF

Harmonies

Analogous

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



DAB461



AFC168



7CCA85

Triad

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



AFC168



00CAFE



FF96C2

Complementary

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



AFC168



7A68C1

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.



E8A0EB



AFC168



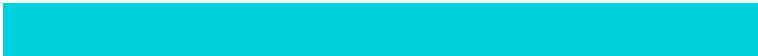
63BFFF

Square

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



AFC168



00CFDC



B2B0FF



FF9896

Rectangle

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



AFC168



50CEA1



B2B0FF



FE98D0

Sweetspot

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



AFC168



F3FAD7



C17A68



797D68



FCFCFC



7D7D7D

Same Dimension

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



AFC168



DEFA70



83C168



5F6157



80A100



1A2100

Inverse Universe

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



7A68C1



8C70FA



A668C1



595761



2000A1



070021

Previews

White Background



This preview shows how the Hex color AFC168 looks on a white background.

Color Contrast Check

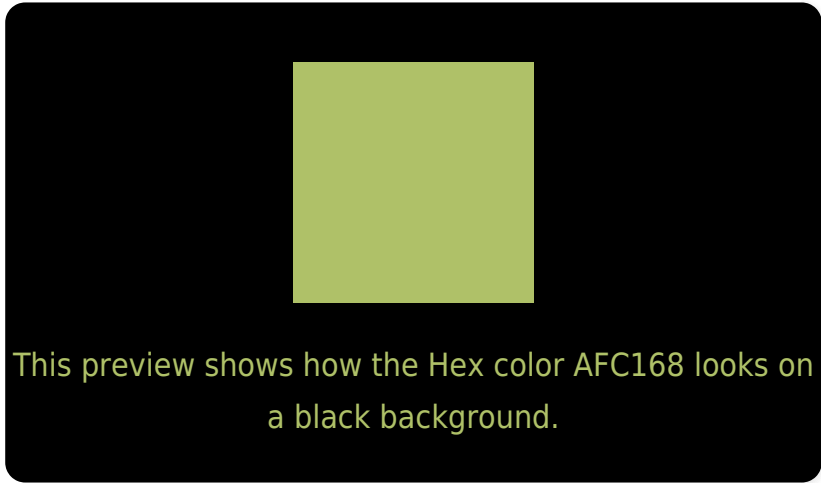
Large Text (above 18pt) WCAG AA × Fail

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 AFC168 Background



This preview shows how black text looks on a background with the Hex color AFC168.



This preview shows how white text looks on a background with the Hex color AFC168.

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



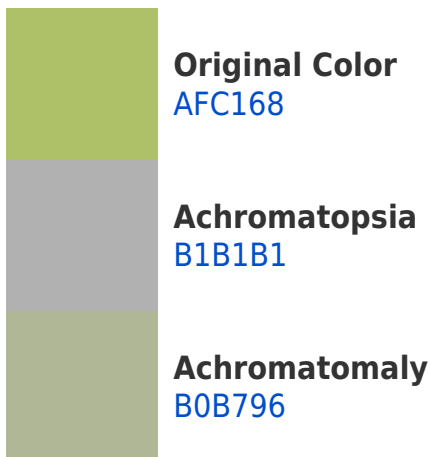


Tritanopia
BAB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFC168 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 #AFC168 looks like.

```
.text, #text, p{  
    color:#AFC168  
}
```

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 #AFC168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFC168
}
```

Border

The CSS property to change the border of an element to Hex AFC168 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
#AFC168 }
```

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

```
.border{ border-color:#AFC168 }
```

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

Here you see how a box with a 4 pixel #AFC168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFC168; -webkit-box-shadow:4px 4px  
4px 4px #AFC168; box-shadow:4px 4px 4px  
4px #AFC168 }
```

Background

The CSS property to change the background color of an element to Hex AFC168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFC168 }
```

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

```
.background{ background-color:#AFC168 }
```

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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