

Converting Colors

Hex(AAF3A7)

Have a look what the booklet for
Hex(AAF3A7) contains.

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Color

Hex(AAF3A7)

Conversions

Conversions Part 1

Format	Color
Hex	AAF3A7
RGB	170, 243, 167
RGB Percent	67%, 95%, 65%
CMY	0.3333, 0.0471, 0.3451
CMYK	0.30, 0.00, 0.31, 0.05
HSL	118°, 76%, 80%
HSV	118°, 31%, 95%
XYZ	55.6032, 75.4373, 48.1895
YIQ	212.5090, -19.1120, -39.1120

Conversions

Conversions Part 2

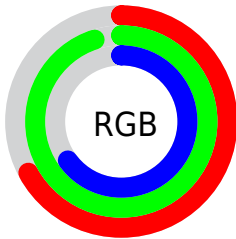
Format	Color
RYB	167, 243, 240
Decimal	11203495
CIELab	89.60, -36.99, 29.65
CIElCh	90, 47.404, 141.284
Yxy	75.4373, 0.3102, 0.4209
Android (android.graphics.Color)	4289393575 (0xFFAAF3A7)
YUV	212.5090, -22.4359, -37.2804
Hunter-Lab	86.8546, -37.7222, 27.9024

Details

The Hex color **AAF3A7** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **F0A7F3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E3FFDF**, and **73BA72** is the 20% darker color. If you saturate the color by 10%, you get **93F38F**, and if you desaturate by 10%, it is **C1F3BF**.

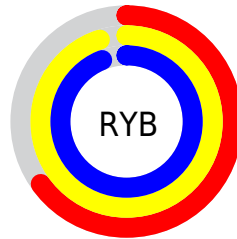
Distribution



Red (67%)

Green (95%)

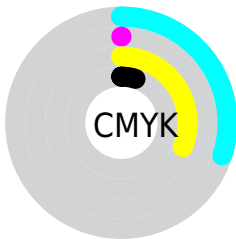
Blue (65%)



Red (65%)

Yellow (95%)

Blue (94%)

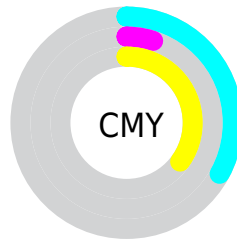


Cyan (30%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAF3A7 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 AAF3A7 by changing the saturation by 10% instead.

 AAF3A7

 AAF3A7

FFFFFF

 8ED68C

 E3FFDF

 73BA72

 FFFFFB

 599F59

 3E8541

 226B2A

 005212

 003A00

 002600

 000000

 AAF3A7

 AAF3A7

 93F38F

 C1F3BF

 7BF376

 D9F3D8

 64F35E

 F0F3F0

 4DF346

 FFF3FF

 35F32D

 1EF315

 0AF300

Harmonies

Analogous

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



DEE98B



AAF3A7



6EF9D2

Triad

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



AAF3A7



87EAF7



FFBFC3

Complementary

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



AAF3A7



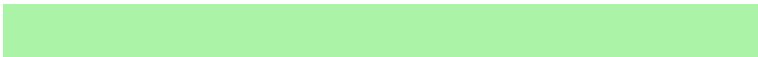
F0A7F3

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.



FFBFF0



AAF3A7



D3DAFF

Square

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



AAF3A7



2CF4FF



FFCAFF



FFCA9C

Rectangle

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



AAF3A7



3DFAF1



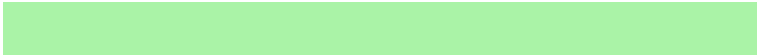
FFCAFF



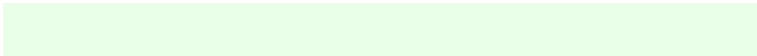
FFBED2

Sweetspot

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



AAF3A7



E9FFE8



F3EFA7



728071



000000



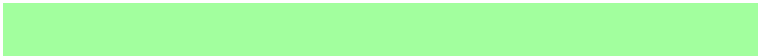
808080

Same Dimension

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



AAF3A7



A2FF9E



A7F3C9



6F7A6E



07BA00



023B00

Inverse Universe

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



F0A7F3



FB9EFF



F3A7D1



7A6E7A



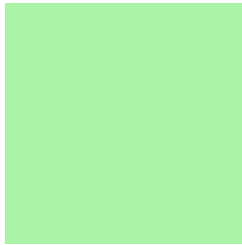
B300BA



38003B

Previews

White Background



This preview shows how the Hex color AAF3A7 looks on a white background.

Color Contrast Check

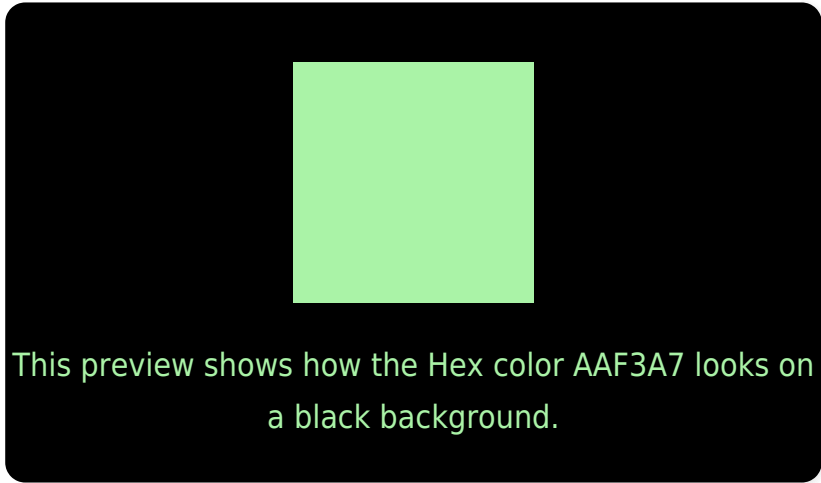
Large Text (above 18pt) WCAG AA × Fail

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 AAF3A7 Background



This preview shows how black text looks on a background with the Hex color AAF3A7.

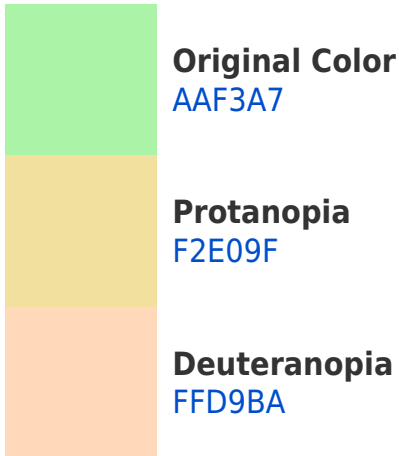


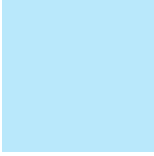
This preview shows how white text looks on a background with the Hex color AAF3A7.

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





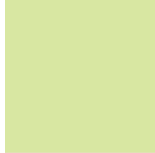
Tritanopia
B9E8FB

Trichromacy



Original Color

AAF3A7



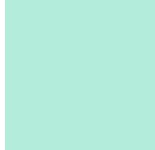
Protanomaly

D8E7A2



Deuteranomaly

E0E2B3



Tritanomaly

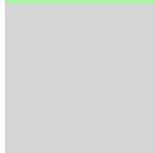
B4ECDC

Monochromacy



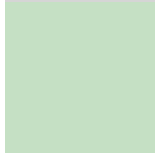
Original Color

AAF3A7



Achromatopsia

D5D5D5



Achromatomaly

C5E0C4

CSS Examples

Text

The CSS property to change the color of the text to Hex AAF3A7 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 #AAF3A7 looks like.

```
.text, #text, p{  
    color:#AAF3A7  
}
```

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 #AAF3A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAF3A7
}
```

Border

The CSS property to change the border of an element to Hex AAF3A7 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
#AAF3A7 }
```

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

```
.border{ border-color:#AAF3A7 }
```

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

Here you see how a box with a 4 pixel #AAF3A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAF3A7; -webkit-box-shadow:4px 4px  
4px 4px #AAF3A7; box-shadow:4px 4px 4px  
4px #AAF3A7 }
```

Background

The CSS property to change the background color of an element to Hex AAF3A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAF3A7 }
```

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

```
.background{ background-color:#AAF3A7 }
```

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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