

# Converting Colors

Hex(AAF7A5)

Have a look what the booklet for  
Hex(AAF7A5) contains.

<b>Hex(AAF7A5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AAF7A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAF7A5
RGB	170, 247, 165
RGB Percent	67%, 97%, 65%
CMY	0.3333, 0.0314, 0.3529
CMYK	0.31, 0.00, 0.33, 0.03
HSL	116°, 84%, 81%
HSV	116°, 33%, 97%
XYZ	56.6299, 77.7842, 47.6265
YIQ	214.6290, -19.5700, -41.8260

# Conversions

## Conversions Part 2

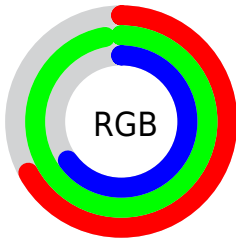
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 247, 242
Decimal	11204517
CIELab	90.68, -39.10, 32.11
CIElCh	91, 50.599, 140.603
Yxy	77.7842, 0.3111, 0.4273
Android (android.graphics.Color)	4289394597 (0xFFAAF7A5)
YUV	214.6290, -24.4671, -39.1396
Hunter-Lab	88.1953, -39.7278, 29.7195

# Details

The Hex color **AAF7A5** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F2A5F7**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **E3FFDD**, and **73BE70** is the 20% darker color. If you saturate the color by 10%, you get **93F78C**, and if you desaturate by 10%, it is **C1F7BE**.

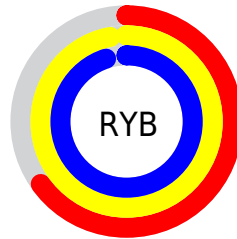
# Distribution



Red (67%)

Green (97%)

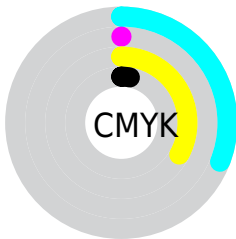
Blue (65%)



Red (65%)

Yellow (97%)

Blue (95%)

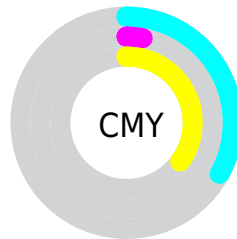


Cyan (31%)

Magenta (0%)

Yellow (33%)

Black (3%)



Cyan (33%)

Magenta (3%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAF7A5 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 AAF7A5 by changing the saturation by 10% instead.



 AAF7A5

 AAF7A5

FFFFFF

 8EDA8A

 E3FFDD

 73BE70

 FFFFF9

 58A357

 3D883F

 206E27

 00550F

 003D00

 002800

 000500

 AAF7A5

 AAF7A5

 93F78C

 C1F7BE

 7CF774

 D8F7D6

 64F75B

 F0F7EF

 4DF742

 FFF7FF

 36F729

 1FF711

 0FF700

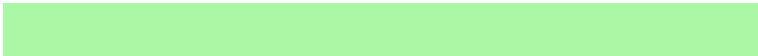
# Harmonies

## Analogous

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



E2EC88



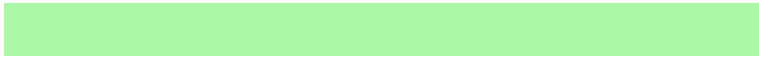
AAF7A5



66FDD3

# Triad

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



AAF7A5



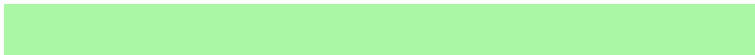
7DEEFF



FFBFC5

# Complementary

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



AAF7A5



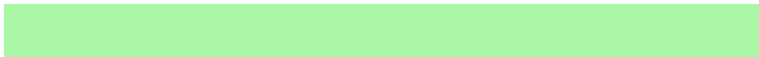
F2A5F7

# 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.



FFBFF6



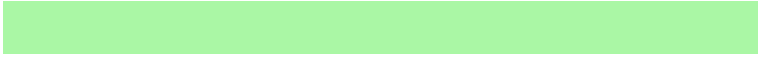
AAF7A5



D3DDFF

# Square

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



AAF7A5



00F9FF



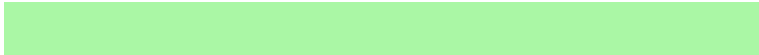
FFCCFF



FFCB9B

# Rectangle

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



AAF7A5



20FEF4



FFCCFF

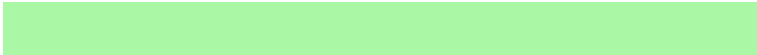


FFBED5

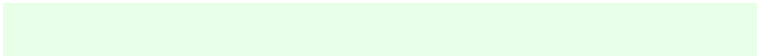


# Sweetspot

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



AAF7A5



E7FFE6



F7F2A5



718070



000000

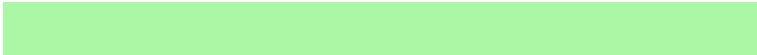


808080

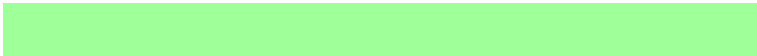


# Same Dimension

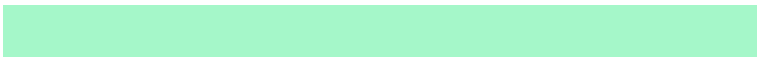
The Same Dimension uses a secret algorithm to generate beautiful new colors.



AAF7A5



9FFF99



A5F7C9



6F7A6E



0BBA00



043B00



# Inverse Universe

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



F2A5F7



F999FF



F7A5D3



7A6E7A



AF00BA

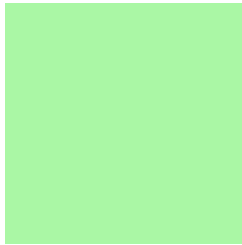


37003B



# Previews

## White Background



This preview shows how the Hex color AAF7A5 looks on a white background.

## Color Contrast Check

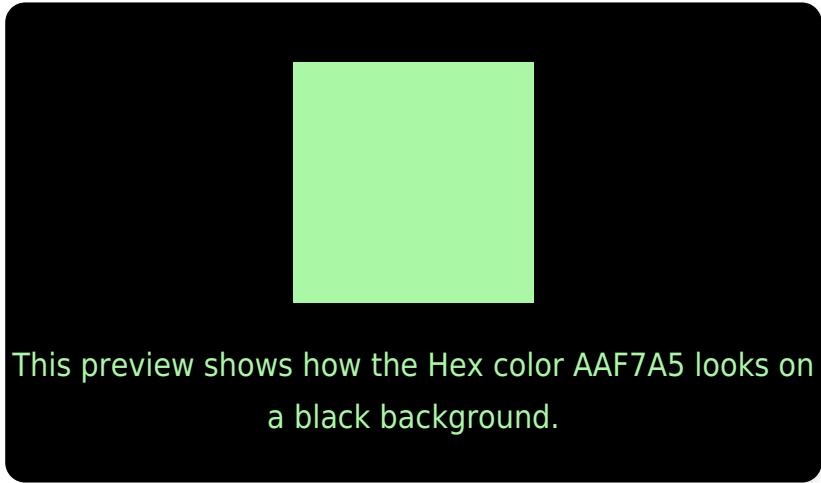
Large Text (above 18pt) WCAG AA × Fail

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

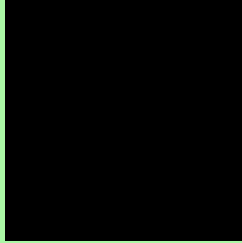
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAF7A5 Background



This preview shows how black text looks on a background with the Hex color AAF7A5.

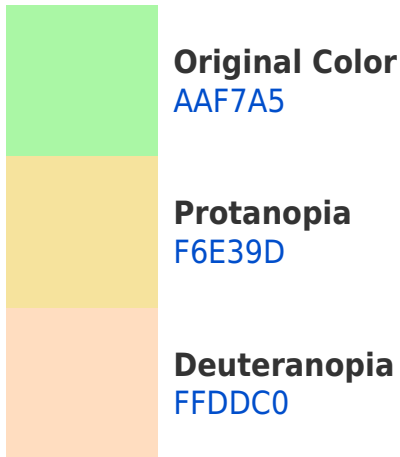


This preview shows how white text looks on a background with the Hex color AAF7A5.

# 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

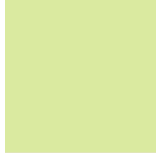




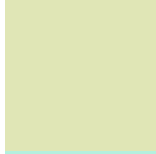
# Trichromacy



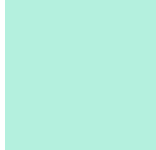
**Original Color**  
AAF7A5



**Protanomaly**  
DAEAA0

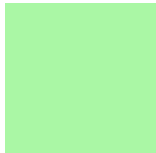


**Deuteranomaly**  
E0E6B6

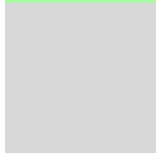


**Tritanomaly**  
B4F0DE

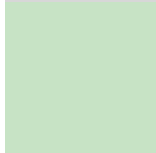
# Monochromacy



**Original Color**  
AAF7A5



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
C7E3C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAF7A5 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 #AAF7A5 looks like.

```
.text, #text, p{  
    color:#AAF7A5  
}
```

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 #AAF7A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAF7A5
}
```

## Border

The CSS property to change the border of an element to Hex AAF7A5 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
#AAF7A5 }
```

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

```
.border{ border-color:#AAF7A5 }
```

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

Here you see how a box with a 4 pixel #AAF7A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAF7A5; -webkit-box-shadow:4px 4px  
4px 4px #AAF7A5; box-shadow:4px 4px 4px  
4px #AAF7A5 }
```

# Background

The CSS property to change the background color of an element to Hex AAF7A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAF7A5 }
```

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

```
.background{ background-color:#AAF7A5 }
```

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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