

# Converting Colors

Hex(AAB75F)

Have a look what the booklet for  
Hex(AAB75F) contains.

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# **Color**

**Hex(AAB75F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB75F
RGB	170, 183, 95
RGB Percent	67%, 72%, 37%
CMY	0.3333, 0.2824, 0.6275
CMYK	0.07, 0.00, 0.48, 0.28
HSL	69°, 38%, 55%
HSV	69°, 48%, 72%
XYZ	35.5766, 43.2392, 17.2974
YIQ	169.0810, 20.5000, -30.1240

# Conversions

## Conversions Part 2

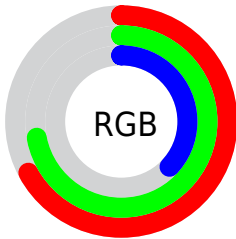
Format	Color
<a href="#">RYB</a>	<a href="#">95, 183, 108</a>
Decimal	<a href="#">11188063</a>
CIELab	<a href="#">71.72, -17.75, 42.92</a>
CIELCh	<a href="#">72, 46.444, 112.470</a>
Yxy	<a href="#">43.2392, 0.3702, 0.4499</a>
Android (android.graphics.Color)	<a href="#">4289378143</a> ( <a href="#">0xFFAAB75F</a> )
YUV	<a href="#">169.0810, -36.5219, 0.8060</a>
Hunter-Lab	<a href="#">65.7566, -18.4992, 30.4332</a>

# Details

The Hex color **AAB75F** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C5FB7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E3EF93**, and **74822D** is the 20% darker color. If you saturate the color by 10%, you get **A7B74D**, and if you desaturate by 10%, it is **ADB771**.

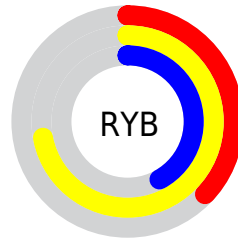
# Distribution



Red (67%)

Green (72%)

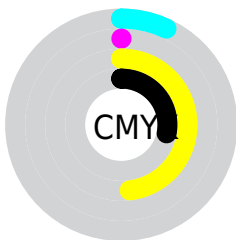
Blue (37%)



Red (37%)

Yellow (72%)

Blue (42%)

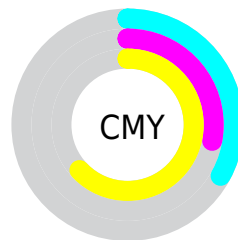


Cyan (7%)

Magenta (0%)

Yellow (48%)

Black (28%)



Cyan (33%)

Magenta (28%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB75F 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 AAB75F by changing the saturation by 10% instead.





AAB75F



AAB75F

FFFFFF



8F9C46



E3EF93



74822D



FFFFAF



5A6912



FFFFCA



415100



FFFFE7



293A00



0F2400



000C00



000000



AAB75F



AAB75F

 A7B74D

 ADB771

 A5B73A

 AFB784

 A2B728

 B2B796

 9FB716

 B5B7A8

 9CB704

 B8B7BB

 9CB700

 BAB7CD

 BDB7DF

 C0B7F1

 C2B7FF

# Harmonies

## Analogous

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



D3AA5A



AAB75F



78C07A

# Triad

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



AAB75F



00C1F2



F98EBC

# Complementary

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



AAB75F



6C5FB7

# 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.



DA99E4



AAB75F



51B7FF

# Square

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



AAB75F



00C5CF



A3A9FE



FF8F92

# Rectangle

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



AAB75F



4EC495



A3A9FE



F291CA



# Sweetspot

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



AAB75F



E8EDCC



B76B5F



757863



F7F7F7



787878



# Same Dimension

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



AAB75F



D9ED64



7FB75F



5A5C53



859C00



181C00



# Inverse Universe

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



6C5FB7



7864ED



975FB7



54535C



17009C



04001C



# Previews

## White Background



This preview shows how the Hex color AAB75F looks on a white background.

## Color Contrast Check

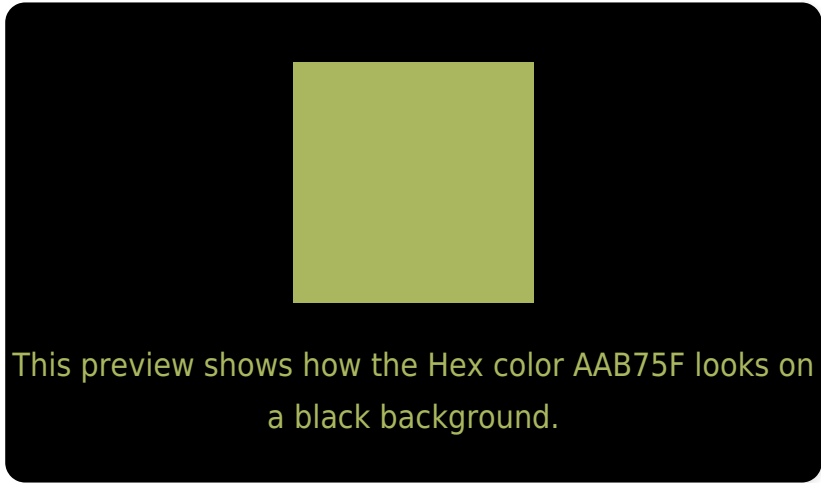
Large Text (above 18pt) WCAG AA × Fail

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 AAB75F Background



This preview shows how black text looks on a background with the Hex color AAB75F.



This preview shows how white text looks on a background with the Hex color AAB75F.

# 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**  
AAB75F

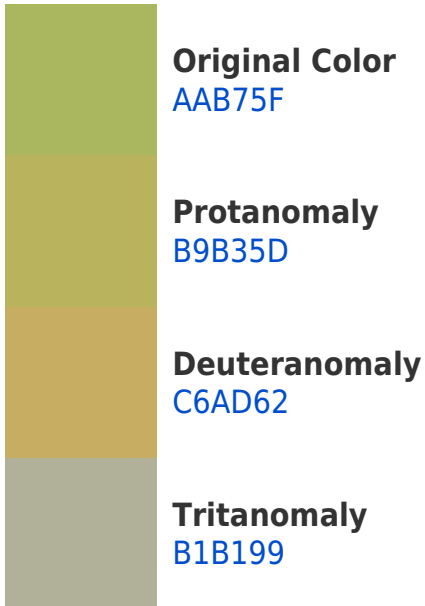
**Protanopia**  
C1B05C

**Deuteranopia**  
D6A763



**Tritanopia**  
B5ADBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB75F 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 #AAB75F looks like.

```
.text, #text, p{  
    color:#AAB75F  
}
```

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 #AAB75F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB75F  
}
```

## Border

The CSS property to change the border of an element to Hex AAB75F 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  
#AAB75F }
```

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

```
.border{ border-color:#AAB75F }
```

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

Here you see how a box with a 4 pixel #AAB75F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB75F; -webkit-box-shadow:4px 4px  
4px 4px #AAB75F; box-shadow:4px 4px 4px  
4px #AAB75F }
```

# Background

The CSS property to change the background color of an element to Hex AAB75F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB75F }
```

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

```
.background{ background-color:#AAB75F }
```

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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