

# Converting Colors

Hex(AAF890)

Have a look what the booklet for  
Hex(AAF890) contains.

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# Color

**Hex(AAF890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAF890
RGB	170, 248, 144
RGB Percent	67%, 97%, 56%
CMY	0.3333, 0.0275, 0.4353
CMYK	0.31, 0.00, 0.42, 0.03
HSL	105°, 88%, 77%
HSV	105°, 42%, 97%
XYZ	55.1790, 77.6945, 38.4739
YIQ	212.8220, -13.1040, -48.8800

# Conversions

## Conversions Part 2

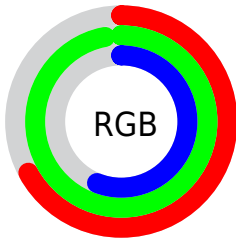
Format	Color
<a href="#">RYB</a>	<a href="#">144, 248, 222</a>
Decimal	<a href="#">11204752</a>
CIELab	<a href="#">90.64, -42.55, 42.47</a>
CIElCh	<a href="#">91, 60.116, 135.054</a>
Yxy	<a href="#">77.6945, 0.3220, 0.4534</a>
Android (android.graphics.Color)	<a href="#">4289394832 (0xFFAAF890)</a>
YUV	<a href="#">212.8220, -33.9292, -37.5549</a>
Hunter-Lab	<a href="#">88.1445, -42.5107, 35.8219</a>

# Details

The Hex color **AAF890** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DE90F8**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E4FFC7**, and **72BF5C** is the 20% darker color. If you saturate the color by 10%, you get **97F877**, and if you desaturate by 10%, it is **BDF8A9**.

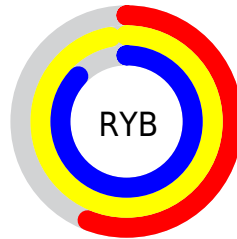
# Distribution



Red (67%)

Green (97%)

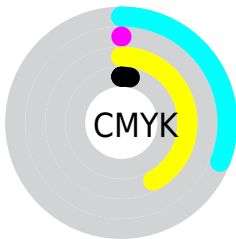
Blue (56%)



Red (56%)

Yellow (97%)

Blue (87%)

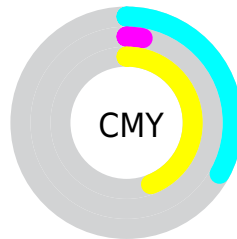


Cyan (31%)

Magenta (0%)

Yellow (42%)

Black (3%)



Cyan (33%)

Magenta (3%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAF890 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 AAF890 by changing the saturation by 10% instead.



 AAF890

 AAF890

FFFFFF

 8EDB75

 E4FFC7

 72BF5C

 FFFFE3

 57A442

 3B8929

 1C6F0D

 005600

 003E00

 002900

 000400

 AAF890

 AAF890

 97F877

 BDF8A9

 85F85E

 CFF8C2

 72F846

 E2F8DA

 60F82D

 F4F8F3

 4DF814

 FFF8FF

 3EF800

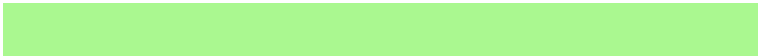
# Harmonies

## Analogous

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



EBEA71



AAF890



4FFFC5

# Triad

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



AAF890



0CF2FF



FFB5C9

# Complementary

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



AAF890



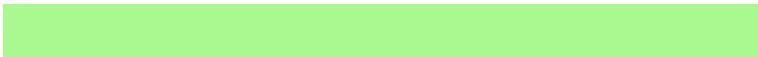
DE90F8

# Split Complementary

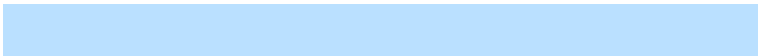
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



AAF890



BAE0FF

# Square

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



AAF890



00FEFF



FFCAFF



FFC295

# Rectangle

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



AAF890



00FFEC



FFCAFF



FFB4DD

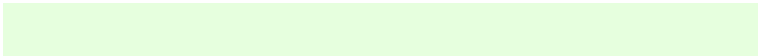


# Sweetspot

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



AAF890



E6FFDE



F8DE90



70806B



000000



808080



# Same Dimension

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



AAF890



9FFF80



90F8AA



747D70



2FBD00



0F3D00



# Inverse Universe

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



DE90F8



DF80FF



F890DE



7A707D



8E00BD

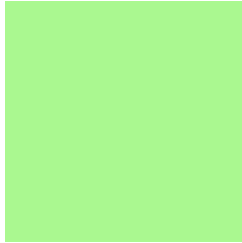


2E003D



# Previews

## White Background



This preview shows how the Hex color AAF890 looks on a white background.

## Color Contrast Check

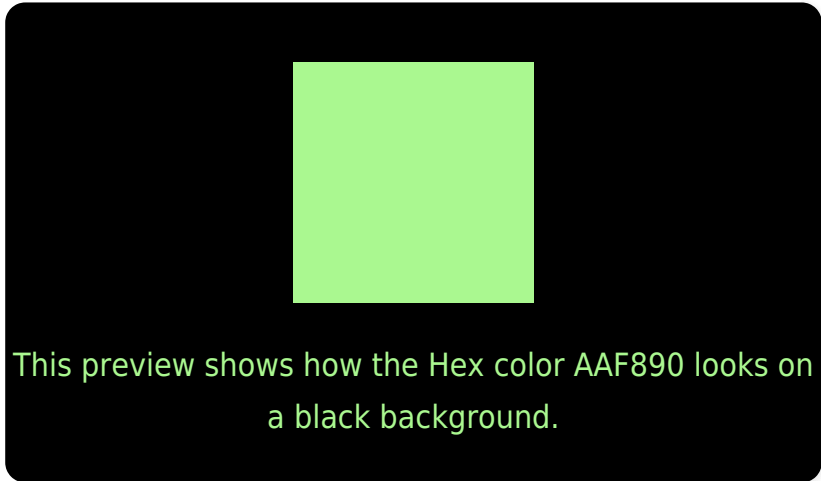
Large Text (above 18pt) WCAG AA × Fail

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

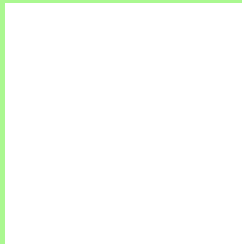
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAF890 Background



This preview shows how black text looks on a background with the Hex color AAF890.

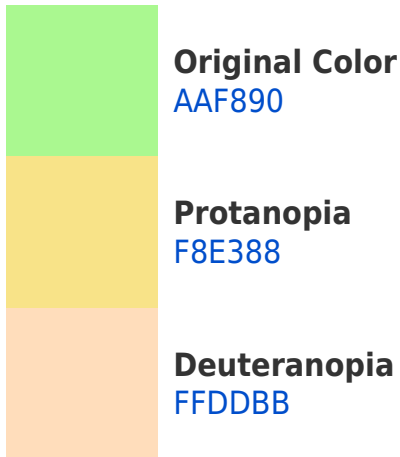


This preview shows how white text looks on a background with the Hex color AAF890.

# 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

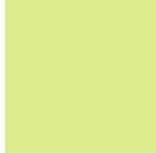




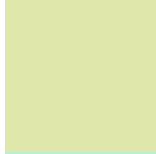
# Trichromacy



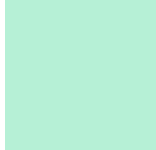
**Original Color**  
AAF890



**Protanomaly**  
DCEB8B

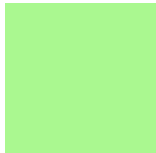


**Deuteranomaly**  
E0E7AB

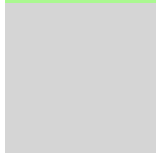


**Tritanomaly**  
B6F0D6

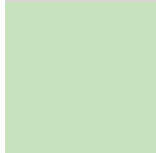
# Monochromacy



**Original Color**  
AAF890



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C5E2BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAF890 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 #AAF890 looks like.

```
.text, #text, p{  
    color:#AAF890  
}
```

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 #AAF890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAF890
}
```

## Border

The CSS property to change the border of an element to Hex AAF890 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
#AAF890 }
```

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

```
.border{ border-color:#AAF890 }
```

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

Here you see how a box with a 4 pixel #AAF890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAF890; -webkit-box-shadow:4px 4px  
4px 4px #AAF890; box-shadow:4px 4px 4px  
4px #AAF890 }
```

# Background

The CSS property to change the background color of an element to Hex AAF890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAF890 }
```

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

```
.background{ background-color:#AAF890 }
```

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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