

# Converting Colors

Hex(A4F990)

Have a look what the booklet for  
Hex(A4F990) contains.

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# Color

**Hex(A4F990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4F990
RGB	164, 249, 144
RGB Percent	64%, 98%, 56%
CMY	0.3569, 0.0235, 0.4353
CMYK	0.34, 0.00, 0.42, 0.02
HSL	109°, 90%, 77%
HSV	109°, 42%, 98%
XYZ	54.2196, 77.6575, 38.5173
YIQ	211.6150, -16.9550, -50.6750

# Conversions

## Conversions Part 2

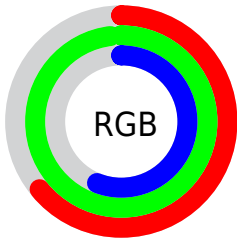
Format	Color
<a href="#">RYB</a>	<a href="#">144, 249, 229</a>
Decimal	<a href="#">10811792</a>
CIELab	<a href="#">90.62, -44.91, 42.39</a>
CIELCh	<a href="#">91, 61.751, 136.654</a>
Yxy	<a href="#">77.6575, 0.3182, 0.4558</a>
Android (android.graphics.Color)	<a href="#">4289001872 (0xFFA4F990)</a>
YUV	<a href="#">211.6150, -33.3342, -41.7584</a>
Hunter-Lab	<a href="#">88.1235, -44.3908, 35.7718</a>

# Details

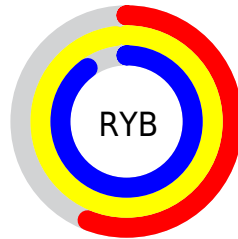
The Hex color **A4F990** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E590F9**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **DEFFC7**, and **6CC05C** is the 20% darker color. If you saturate the color by 10%, you get **90F977**, and if you desaturate by 10%, it is **B8F9A9**.

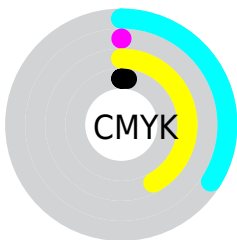
# Distribution



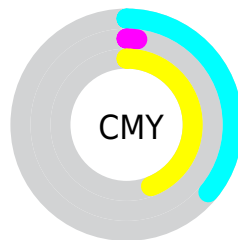
- Red (64%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (42%)
- Black (2%)



- Cyan (36%)
- Magenta (2%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4F990 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 A4F990 by changing the saturation by 10% instead.



 A4F990

FFFFFF

 DEFFC7

 FBFFE3

 A4F990

 88DC75

 6CC05C

 50A442

 338A29

 0E700D

 005600

 003E00

 002900

 000400

 A4F990

 A4F990

 90F977

 B8F9A9

 7CF95E

 CCF9C2

 68F945

 E0F9DB

 53F92C

 F5F9F4

 3FF914

 FFF9FF

 2FF900

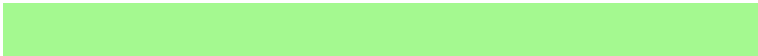
# Harmonies

## Analogous

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



E7EB6E



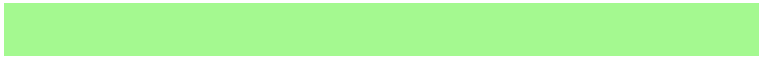
A4F990



3DFFC7

# Triad

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



A4F990



00F2FF



FFB4C5

# Complementary

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



A4F990



E590F9

# Split Complementary

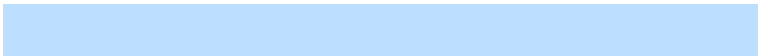
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FF



A4F990



BDDFFF

# Square

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



A4F990



00FEFF



FFC8FF



FFC290

# Rectangle

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



A4F990



00FFF0



FFC8FF



FFB2D9

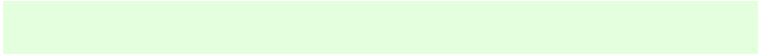


# Sweetspot

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



A4F990



E4FFDE



F9E490



6F806B



000000

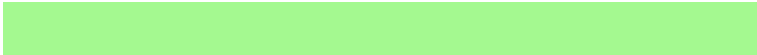


808080



# Same Dimension

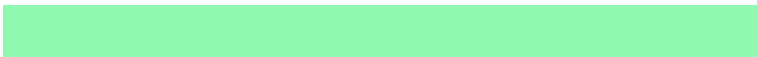
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A4F990



96FF7D



90F9B0



737D70



24BD00



0C3D00



# Inverse Universe

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



E590F9



E67DFF



F990DA



7B707D



9900BD

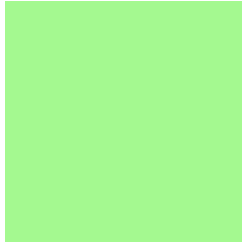


32003D



# Previews

## White Background



This preview shows how the Hex color A4F990 looks on a white background.

## Color Contrast Check

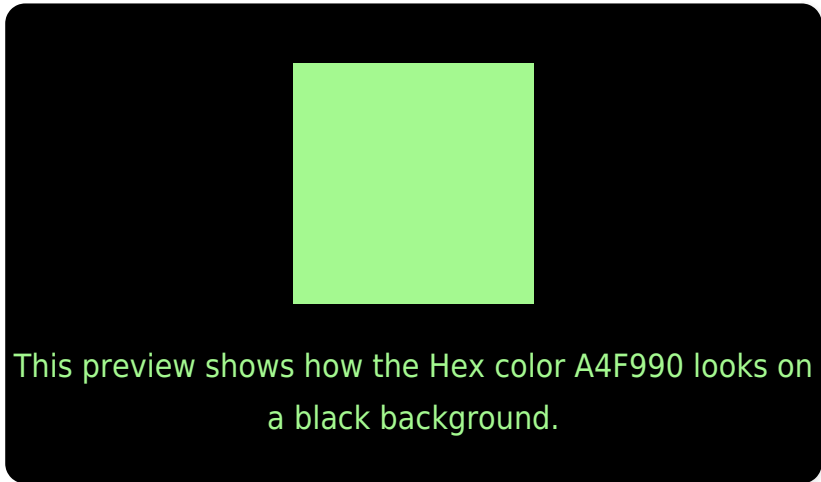
Large Text (above 18pt) WCAG AA × Fail

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

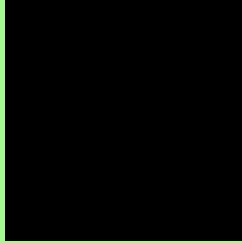
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4F990 Background



This preview shows how black text looks on a background with the Hex color A4F990.

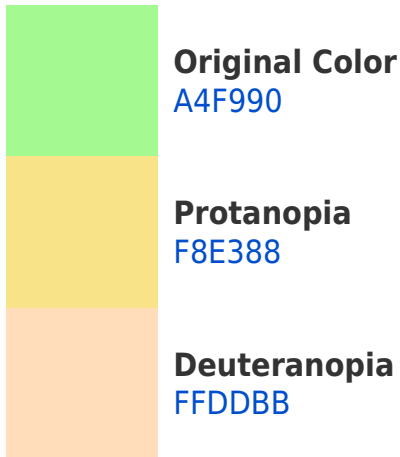


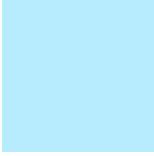
This preview shows how white text looks on a background with the Hex color A4F990.

# 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



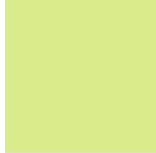


**Tritanopia**  
B7ECFF

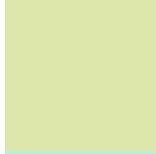
# Trichromacy



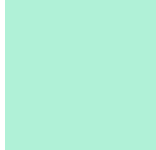
**Original Color**  
A4F990



**Protanomaly**  
D9EB8B

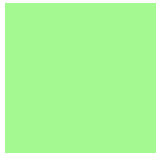


**Deuteranomaly**  
DEE7AB

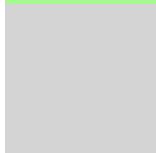


**Tritanomaly**  
B0F1D7

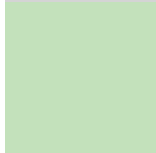
# Monochromacy



**Original Color**  
A4F990



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C3E1BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4F990 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 #A4F990 looks like.

```
.text, #text, p{  
    color:#A4F990  
}
```

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 #A4F990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4F990
}
```

## Border

The CSS property to change the border of an element to Hex A4F990 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
#A4F990 }
```

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

```
.border{ border-color:#A4F990 }
```

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

Here you see how a box with a 4 pixel #A4F990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4F990; -webkit-box-shadow:4px 4px  
4px 4px #A4F990; box-shadow:4px 4px 4px  
4px #A4F990 }
```

# Background

The CSS property to change the background color of an element to Hex A4F990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4F990 }
```

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

```
.background{ background-color:#A4F990 }
```

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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