

# Converting Colors

Hex(4A991F)

Have a look what the booklet for  
Hex(4A991F) contains.

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**Color**

**Hex(4A991F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A991F
RGB	74, 153, 31
RGB Percent	29%, 60%, 12%
CMY	0.7098, 0.4000, 0.8784
CMYK	0.52, 0.00, 0.80, 0.40
HSL	99°, 66%, 36%
HSV	99°, 80%, 60%
XYZ	14.4626, 24.3372, 5.2316
YIQ	115.4710, -7.9220, -54.6900

# Conversions

## Conversions Part 2

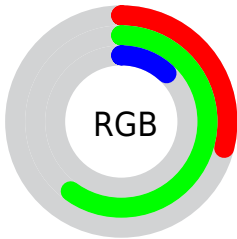
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 153, 110
Decimal	4888863
CIELab	56.42, -45.24, 52.16
CIELCh	56, 69.043, 130.934
Yxy	24.3372, 0.3285, 0.5527
Android (android.graphics.Color)	4283078943 (0xFF4A991F)
YUV	115.4710, -41.6442, -36.3701
Hunter-Lab	49.3328, -34.0026, 28.2454

# Details

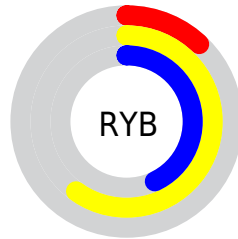
The Hex color **4A991F** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6E1F99**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **82D056**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **409910**, and if you desaturate by 10%, it is **54992E**.

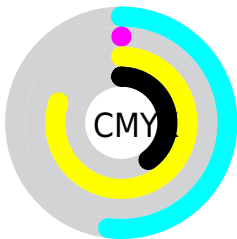
# Distribution



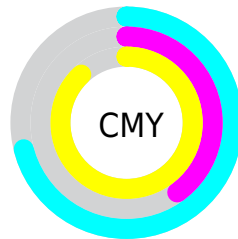
- Red (29%)
- Green (60%)
- Blue (12%)



- Red (12%)
- Yellow (60%)
- Blue (43%)



- Cyan (52%)
- Magenta (0%)
- Yellow (80%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A991F 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 4A991F by changing the saturation by 10% instead.





4A991F



4A991F

FFFFFF



2C7F00



82D056



006500



9EED70



004C00



BBFF8B



003400



D8FFA7



001F00



F6FFC3



000000



FFFFDF



FFFFFD



4A991F



4A991F

■ 409910

■ 54992E

■ 369900

■ 5E993E

■ 68994D

■ 72995C

■ 7C996B

■ 85997B

■ 8F998A

■ 999999

■ A399A9

# Harmonies

## Analogous

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



8E8C00



4A991F



00A05E

# Triad

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



4A991F



0099F9



F14574

# Complementary

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



4A991F



6E1F99

# 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.



DE4FB0



4A991F



0087FE

# Square

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



4A991F



00A1D5



A56DE3



E55A3B

# Rectangle

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



4A991F



00A287



A56DE3



EF4588



# Sweetspot

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



4A991F



A8C797



996C1F



516347



E3E3E3



636363



# Same Dimension

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



4A991F



4BC708



1F992F



484D45



318C00



040D00



# Inverse Universe

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



6E1F99



8408C7



991F89



4A454D



5B008C



08000D



# Previews

## White Background



This preview shows how the Hex color 4A991F looks on a white background.

## Color Contrast Check

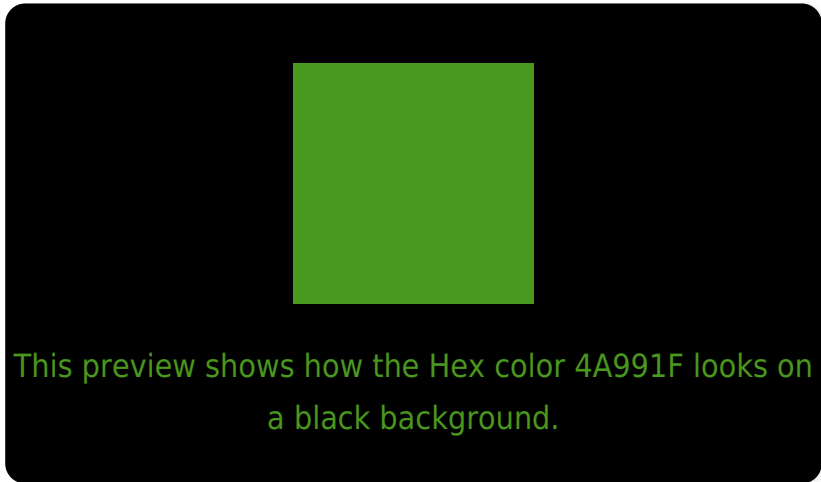
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 4A991F Background



This preview shows how black text looks on a background with the Hex color 4A991F.



This preview shows how white text looks on a background with the Hex color 4A991F.

# 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**  
4A991F

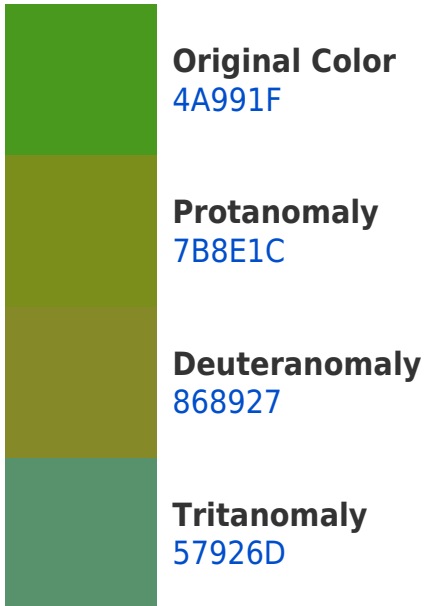
**Protanopia**  
97871A

**Deuteranopia**  
A8802B

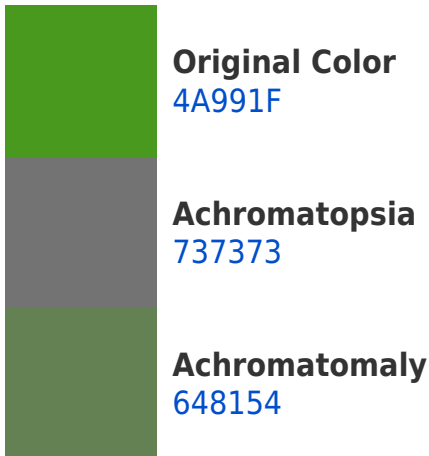


**Tritanopia**  
5F8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A991F 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 #4A991F looks like.

```
.text, #text, p{  
    color:#4A991F  
}
```

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 #4A991F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A991F
}
```

## Border

The CSS property to change the border of an element to Hex 4A991F 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
#4A991F }
```

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

```
.border{ border-color:#4A991F }
```

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

Here you see how a box with a 4 pixel #4A991F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A991F; -webkit-box-shadow:4px 4px  
4px 4px #4A991F; box-shadow:4px 4px 4px  
4px #4A991F }
```

# Background

The CSS property to change the background color of an element to Hex 4A991F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A991F }
```

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

```
.background{ background-color:#4A991F }
```

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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