

# Converting Colors

Hex(4DAA4D)

Have a look what the booklet for  
Hex(4DAA4D) contains.

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# Color

Hex(4DAA4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4DAA4D
RGB	77, 170, 77
RGB Percent	30%, 67%, 30%
CMY	0.6980, 0.3333, 0.6980
CMYK	0.55, 0.00, 0.55, 0.33
HSL	120°, 38%, 48%
HSV	120°, 55%, 67%
XYZ	18.7748, 30.8631, 11.9888
YIQ	131.5910, -25.5750, -48.6390

# Conversions

## Conversions Part 2

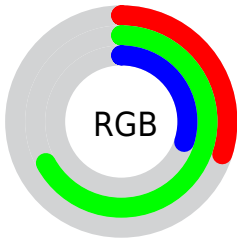
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 170, 170
Decimal	5089869
CIELab	62.39, -46.70, 39.30
CIElCh	62, 61.036, 139.920
Yxy	30.8631, 0.3047, 0.5008
Android (android.graphics.Color)	4283279949 (0xFF4DAA4D)
YUV	131.5910, -26.9134, -47.8763
Hunter-Lab	55.5545, -36.8957, 26.0932

# Details

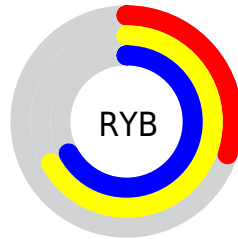
The Hex color **4DAA4D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA4DAA**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **85E280**, and **02751B** is the 20% darker color. If you saturate the color by 10%, you get **3CAA3C**, and if you desaturate by 10%, it is **5EAA5E**.

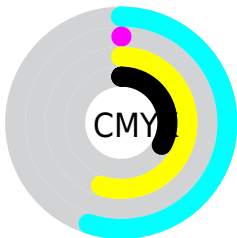
# Distribution



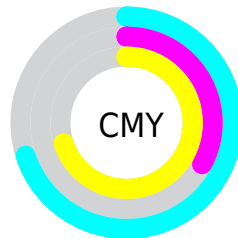
- Red (30%)
- Green (67%)
- Blue (30%)



- Red (30%)
- Yellow (67%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (55%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DAA4D 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 4DAA4D by changing the saturation by 10% instead.



 4DAA4D

 4DAA4D

FFFFFF

 2F8F34

 85E280

 02751B

 A2FF9B

 005B00

 BEFFB6

 004300

 DBFFD2

 002D00

 F9FFEF

 000F00

 000000

 4DAA4D

 4DAA4D

 3CAA3C

 5EAA5E

 2BAA2B

 6FAA6F

 1AAA1A

 80AA80

 09AA09

 91AA91

 00AA00

 A2AAA2

 B3AAB3

 C4AAC4

 D5AAD5

 E6AAE6

# Harmonies

## Analogous

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



909F25



4DAA4D



00B082

# Triad

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



4DAA4D



00A2FF



F96675

# Complementary

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



4DAA4D



AA4DAA

# 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.



F066AC



4DAA4D



7590FD

# Square

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



4DAA4D



00ADE9



C679DD



E77845

# Rectangle

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



4DAA4D



00B1A8



C679DD



F96387



# Sweetspot

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



4DAA4D



BADEBA



AAAA4D



5B705B



F0F0F0



707070



# Same Dimension

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



4DAA4D



4BDE4B



4DAA7B



4C544C



009400



001400



# Inverse Universe

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



AA4DAA



DE4BDE



AA4D7B



544C54



940094



140014



# Previews

## White Background



This preview shows how the Hex color 4DAA4D looks on a white background.

## Color Contrast Check

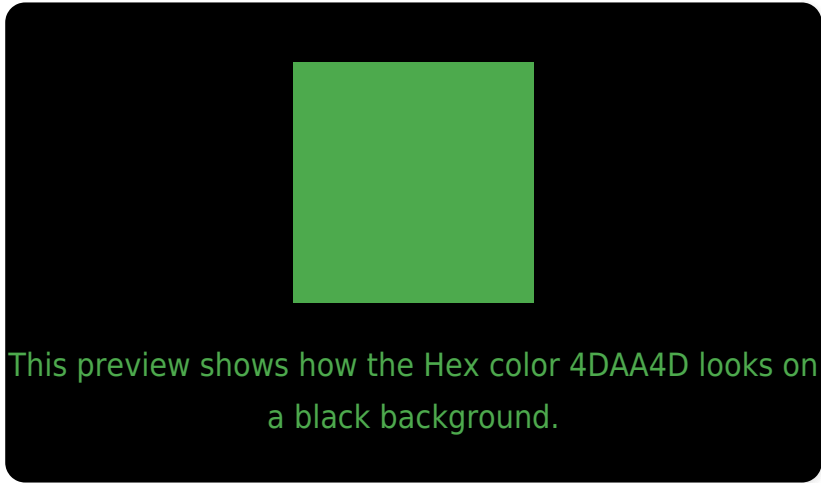
Large Text (above 18pt) WCAG AA × Fail

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 4DAA4D Background



This preview shows how black text looks on a background with the Hex color 4DAA4D.

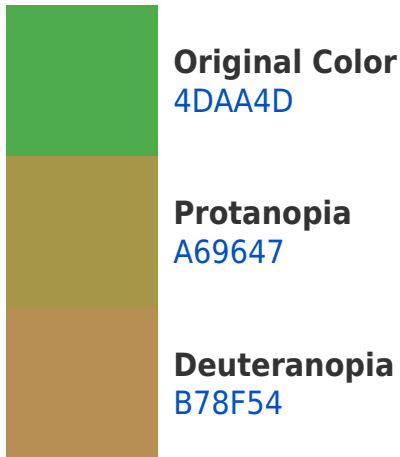


This preview shows how white text looks on a background with the Hex color 4DAA4D.

# 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](#).

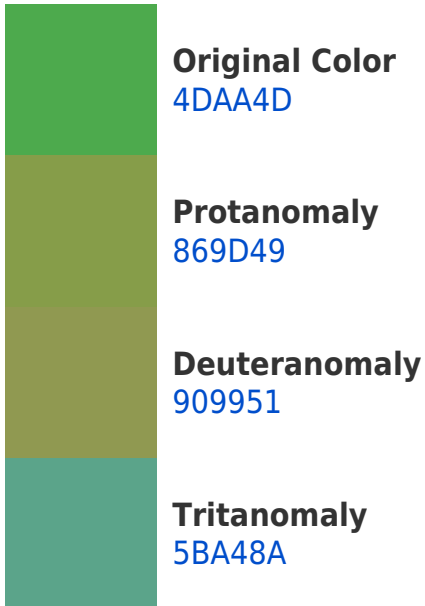
## Dichromacy



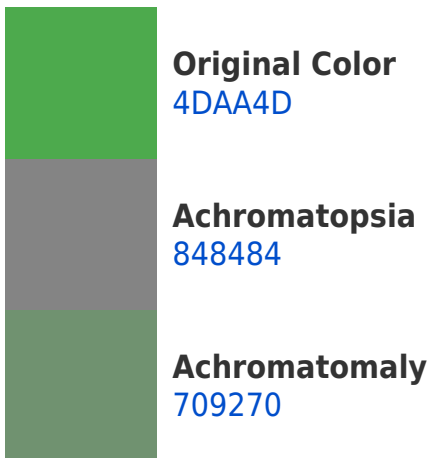


**Tritanopia**  
63A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DAA4D 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 #4DAA4D looks like.

```
.text, #text, p{  
    color:#4DAA4D  
}
```

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 #4DAA4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAA4D
}
```

## Border

The CSS property to change the border of an element to Hex 4DAA4D 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
#4DAA4D }
```

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

```
.border{ border-color:#4DAA4D }
```

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

Here you see how a box with a 4 pixel #4DAA4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAA4D; -webkit-box-shadow:4px 4px  
4px 4px #4DAA4D; box-shadow:4px 4px 4px  
4px #4DAA4D }
```

# Background

The CSS property to change the background color of an element to Hex 4DAA4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAA4D }
```

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

```
.background{ background-color:#4DAA4D }
```

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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