

# Converting Colors

Hex(4AAD66)

Have a look what the booklet for  
Hex(4AAD66) contains.

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# Color

Hex(4AAD66)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AAD66
RGB	74, 173, 102
RGB Percent	29%, 68%, 40%
CMY	0.7098, 0.3216, 0.6000
CMYK	0.57, 0.00, 0.41, 0.32
HSL	137°, 40%, 48%
HSV	137°, 57%, 68%
XYZ	20.1659, 32.3023, 17.7425
YIQ	135.3050, -36.2130, -43.0690

# Conversions

## Conversions Part 2

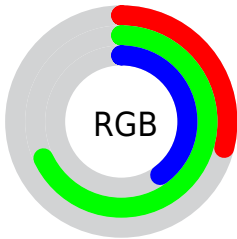
Format	Color
<a href="#">RYB</a>	<a href="#">74, 151, 173</a>
Decimal	<a href="#">4894054</a>
CIELab	<a href="#">63.59, -44.85, 27.99</a>
CIELCh	<a href="#">64, 52.869, 148.037</a>
Yxy	<a href="#">32.3023, 0.2872, 0.4601</a>
Android (android.graphics.Color)	<a href="#">4283084134 (0xFF4AAD66)</a>
YUV	<a href="#">135.3050, -16.4194, -53.7645</a>
Hunter-Lab	<a href="#">56.8351, -36.1272, 21.2757</a>

# Details

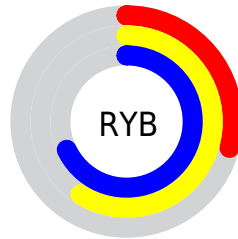
The Hex color **4AAD66** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD4A91**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **83E59A**, and **007836** is the 20% darker color. If you saturate the color by 10%, you get **39AD5A**, and if you desaturate by 10%, it is **5BAD72**.

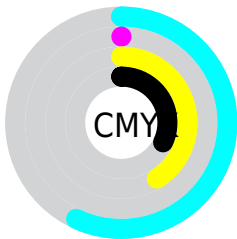
# Distribution



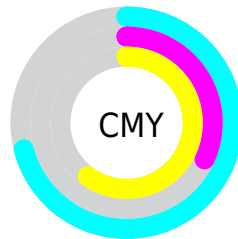
- Red (29%)
- Green (68%)
- Blue (40%)



- Red (29%)
- Yellow (59%)
- Blue (68%)



- Cyan (57%)
- Magenta (0%)
- Yellow (41%)
- Black (32%)



- Cyan (71%)
- Magenta (32%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AAD66 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 4AAD66 by changing the saturation by 10% instead.



 4AAD66

 4AAD66

FFFFFF

 2B924D

 83E59A

 007836

 9FFFB5

 005E1F

 BCFFD1

 004507

 D9FFED

 002F00

 F6FFFF

 001500

 000000

 4AAD66

 4AAD66

 39AD5A

 5BAD72

 27AD4D

 6DAD7F

 16AD41

 7EAD8B

 05AD34

 8FAD98

 00AD31

 A1ADA4

 B2ADB0

 C3ADBD

 D4ADC9

 E6ADD6

# Harmonies

## Analogous

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



88A442



4AAD66



00B195

# Triad

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



4AAD66



23A0F8



EF7570

# Complementary

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



4AAD66



AD4A91

# 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.



ED719F



4AAD66



978FED

# Square

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



4AAD66



00ABE9



D17CCD



DB854A

# Rectangle

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



4AAD66



00B1B6



D17CCD



F1727F



# Sweetspot

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



4AAD66



BAE0C5



93AD4A



5A7060



F0F0F0



707070



# Same Dimension

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



4AAD66



46E071



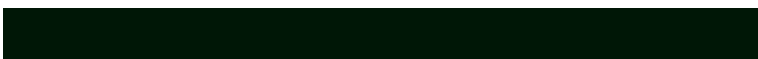
4AAD96



4E5750



00962B



001706



# Inverse Universe

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



AD4A91



E046B5



AD4A61



574E54



96006C



170010



# Previews

## White Background



This preview shows how the Hex color 4AAD66 looks on a white background.

## Color Contrast Check

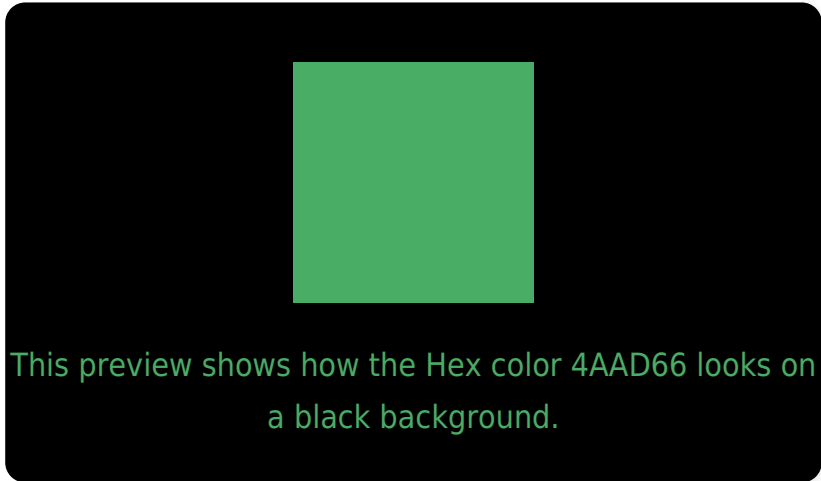
Large Text (above 18pt) WCAG AA × Fail

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 4AAD66 Background



This preview shows how black text looks on a background with the Hex color 4AAD66.

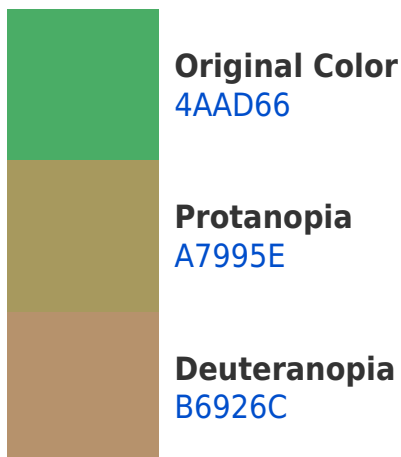


This preview shows how white text looks on a background with the Hex color 4AAD66.

# 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](#).

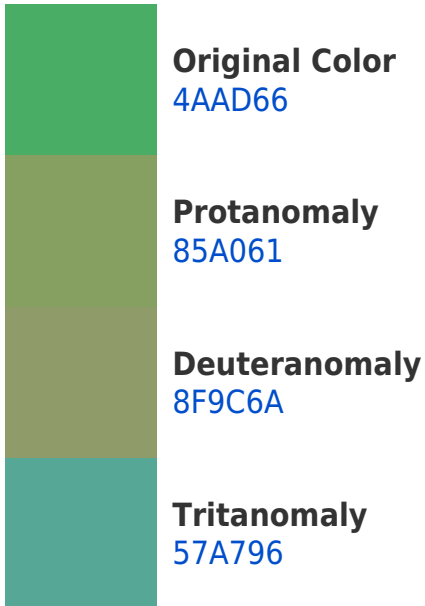
## Dichromacy



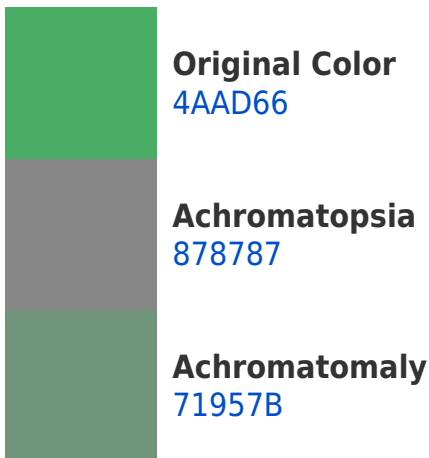


**Tritanopia**  
5EA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AAD66 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 #4AAD66 looks like.

```
.text, #text, p{  
    color:#4AAD66  
}
```

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 #4AAD66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AAD66
}
```

## Border

The CSS property to change the border of an element to Hex 4AAD66 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
#4AAD66 }
```

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

```
.border{ border-color:#4AAD66 }
```

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

Here you see how a box with a 4 pixel #4AAD66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AAD66; -webkit-box-shadow:4px 4px  
4px 4px #4AAD66; box-shadow:4px 4px 4px  
4px #4AAD66 }
```

# Background

The CSS property to change the background color of an element to Hex 4AAD66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AAD66 }
```

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

```
.background{ background-color:#4AAD66 }
```

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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