

# Converting Colors

Hex(A2AA67)

Have a look what the booklet for  
Hex(A2AA67) contains.

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# **Color**

**Hex(A2AA67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2AA67
RGB	162, 170, 103
RGB Percent	64%, 67%, 40%
CMY	0.3647, 0.3333, 0.5961
CMYK	0.05, 0.00, 0.39, 0.33
HSL	67°, 28%, 54%
HSV	67°, 39%, 67%
XYZ	31.7232, 37.4101, 18.3808
YIQ	159.9700, 16.7390, -22.5330

# Conversions

## Conversions Part 2

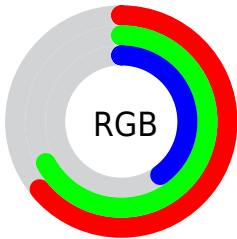
Format	Color
<a href="#">RYB</a>	<a href="#">103, 170, 111</a>
Decimal	<a href="#">10660455</a>
CIELab	<a href="#">67.58, -13.44, 33.57</a>
CIELCh	<a href="#">68, 36.167, 111.823</a>
Yxy	<a href="#">37.4101, 0.3625, 0.4275</a>
Android (android.graphics.Color)	<a href="#">4288850535</a> ( <a href="#">0xFFA2AA67</a> )
YUV	<a href="#">159.9700, -28.0862, 1.7803</a>
Hunter-Lab	<a href="#">61.1638, -14.4559, 24.9969</a>

# Details

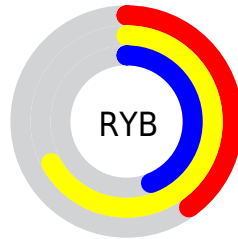
The Hex color **A2AA67** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F67AA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **DAE19B**, and **6D7636** is the 20% darker color. If you saturate the color by 10%, you get **A0AA56**, and if you desaturate by 10%, it is **A4AA78**.

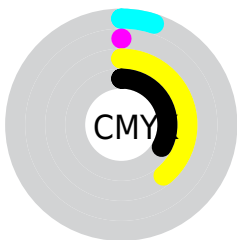
# Distribution



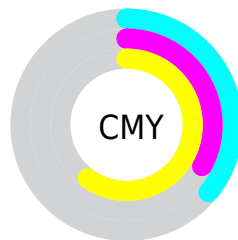
- Red (64%)
- Green (67%)
- Blue (40%)



- Red (40%)
- Yellow (67%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2AA67 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 A2AA67 by changing the saturation by 10% instead.





A2AA67



A2AA67

FFFFFF



87904E



DAE19B



6D7636



F7FEB6



545D1F



FFFFD2



3B4606



FFFFEf



252F00



081B00



000000



A2AA67



A2AA67



A0AA56



A4AA78

■ 9EAA45

■ A6AA89

■ 9CAA34

■ A8AA9A

■ 9AAA23

■ AAAAAB

■ 98AA12

■ ACAABC

■ 96AA01

■ AEAACD

■ 96AA00

■ B0AADE

■ B2AAEF

■ B4AAFF

# Harmonies

## Analogous

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



C2A064



A2AA67



7CB27B

# Triad

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



A2AA67



2EB2D7



DE8CAF

# Complementary

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



A2AA67



6F67AA

# 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.



C594CD



A2AA67



66ABE5

# Square

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



A2AA67



25B6BC



9C9FE1



E48C8E

# Rectangle

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



A2AA67



61B58F



9C9FE1



D88EBA



# Sweetspot

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



A2AA67



DBDEC3



AA6F67



6E7060



F0F0F0



707070



# Same Dimension

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



A2AA67



D1DE76



81AA67



53544C



829400



121400



# Inverse Universe

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



6F67AA



8276DE



9067AA



4D4C54



120094



020014



# Previews

## White Background



This preview shows how the Hex color A2AA67 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



This preview shows how the Hex color A2AA67 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

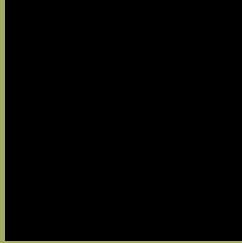
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2AA67 Background



This preview shows how black text looks on a background with the Hex color A2AA67.

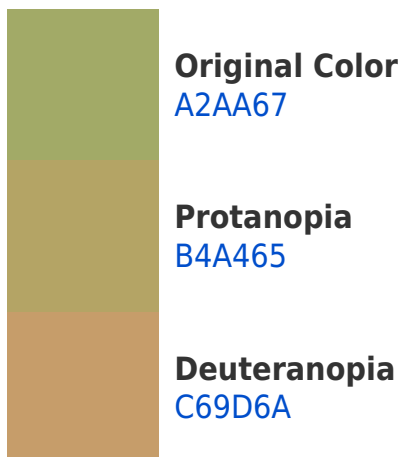


This preview shows how white text looks on a background with the Hex color A2AA67.

# 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



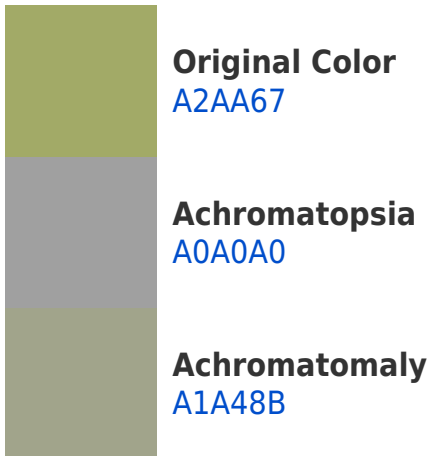


**Tritanopia**  
ABA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2AA67 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 #A2AA67 looks like.

```
.text, #text, p{  
    color:#A2AA67  
}
```

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 #A2AA67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2AA67
}
```

## Border

The CSS property to change the border of an element to Hex A2AA67 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
#A2AA67 }
```

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

```
.border{ border-color:#A2AA67 }
```

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

Here you see how a box with a 4 pixel #A2AA67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2AA67; -webkit-box-shadow:4px 4px  
4px 4px #A2AA67; box-shadow:4px 4px 4px  
4px #A2AA67 }
```

# Background

The CSS property to change the background color of an element to Hex A2AA67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2AA67 }
```

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

```
.background{ background-color:#A2AA67 }
```

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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