

# Converting Colors

Hex(A2A865)

Have a look what the booklet for  
Hex(A2A865) contains.

<b>Hex(A2A865)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A2A865)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2A865
RGB	162, 168, 101
RGB Percent	64%, 66%, 40%
CMY	0.3647, 0.3412, 0.6039
CMYK	0.04, 0.00, 0.40, 0.34
HSL	65°, 28%, 53%
HSV	65°, 40%, 66%
XYZ	31.2519, 36.6262, 17.7343
YIQ	158.5680, 17.9310, -22.1090

# Conversions

## Conversions Part 2

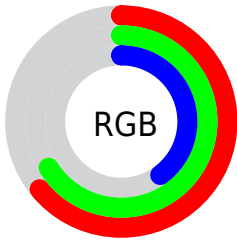
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 168, 107</a>
Decimal	<a href="#">10659941</a>
CIELab	<a href="#">67.00, -12.64, 33.87</a>
CIELCh	<a href="#">67, 36.153, 110.458</a>
Yxy	<a href="#">36.6262, 0.3650, 0.4278</a>
Android (android.graphics.Color)	<a href="#">4288850021 (0xFFA2A865)</a>
YUV	<a href="#">158.5680, -28.3810, 3.0099</a>
Hunter-Lab	<a href="#">60.5196, -13.7332, 24.9897</a>

# Details

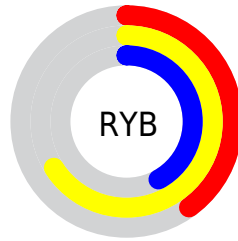
The Hex color **A2A865** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B65A8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **DADF99**, and **6D7434** is the 20% darker color. If you saturate the color by 10%, you get **A0A854**, and if you desaturate by 10%, it is **A4A876**.

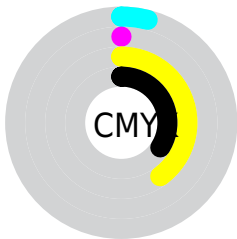
# Distribution



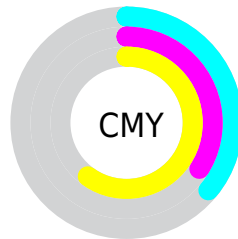
- Red (64%)
- Green (66%)
- Blue (40%)



- Red (40%)
- Yellow (66%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)



- Cyan (36%)
- Magenta (34%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2A865 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 A2A865 by changing the saturation by 10% instead.



 A2A865

 A2A865

FFFFFF

 878E4C

 DADF99

 6D7434

 F7FCB4

 545C1D

 FFFFD0

 3B4404

 FFFFEC

 252E00

 061A00

 000000

 A2A865

 A2A865

 A0A854

 A4A876

 9FA843

 A5A887

 9DA833

 A7A897

 9CA822

 A8A8A8

 9AA811

 AAA8B9

 99A800

 ABA8CA

 ADA8DB

 AEA8EB

 B0A8FC

# Harmonies

## Analogous

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



C29D63



A2A865



7DB079

# Triad

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



A2A865



29B1D4



DC8BAF

# Complementary

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



A2A865



6B65A8

# 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.



C293CD



A2A865



62A9E3

# Square

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



A2A865



24B4B9



989EE0



E38B8E

# Rectangle

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



A2A865



61B38C



989EE0



D58DBA



# Sweetspot

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



A2A865



D9DBC1



A86B65



6C6E5E



EDEDED



6E6E6E



# Same Dimension

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



A2A865



D2DB72



81A865



53544C



879400



131400



# Inverse Universe

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



6B65A8



7B72DB



8C65A8



4C4C54



0D0094



020014



# Previews

## White Background



This preview shows how the Hex color A2A865 looks on a white background.

## Color Contrast Check

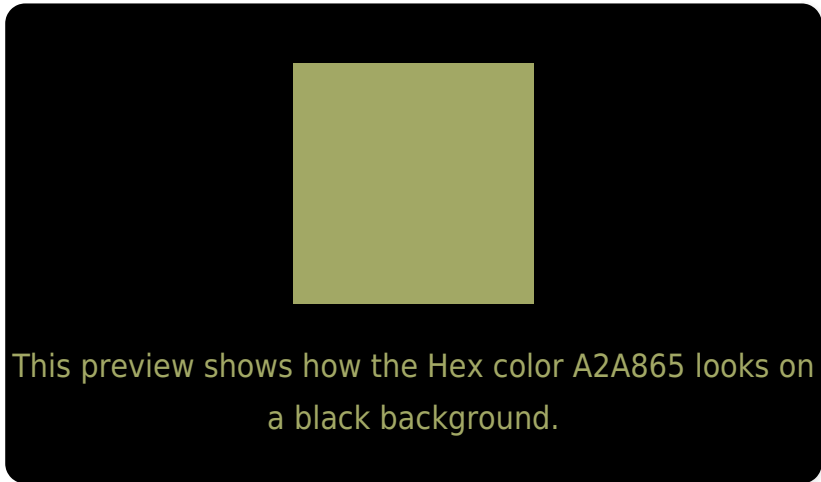
Large Text (above 18pt) WCAG AA × Fail

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

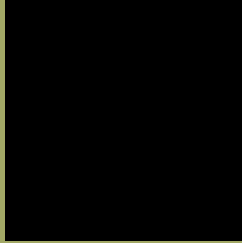
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2A865 Background



This preview shows how black text looks on a background with the Hex color A2A865.



This preview shows how white text looks on a background with the Hex color A2A865.

# 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**  
A2A865

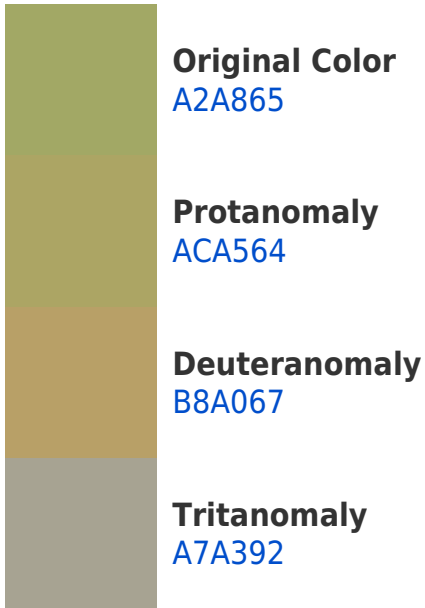
**Protanopia**  
B2A363

**Deuteranopia**  
C49C68

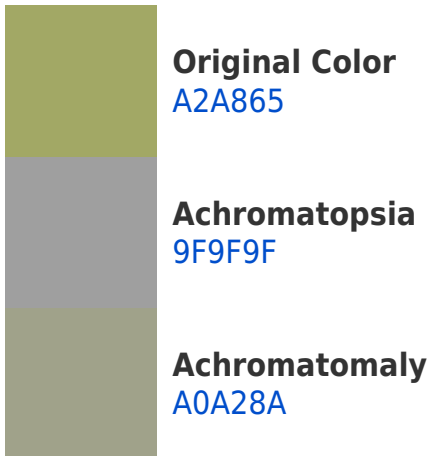


**Tritanopia**  
AAA0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2A865 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 #A2A865 looks like.

```
.text, #text, p{  
    color:#A2A865  
}
```

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 #A2A865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2A865
}
```

## Border

The CSS property to change the border of an element to Hex A2A865 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
#A2A865 }
```

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

```
.border{ border-color:#A2A865 }
```

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

Here you see how a box with a 4 pixel #A2A865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2A865; -webkit-box-shadow:4px 4px  
4px 4px #A2A865; box-shadow:4px 4px 4px  
4px #A2A865 }
```

# Background

The CSS property to change the background color of an element to Hex A2A865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2A865 }
```

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

```
.background{ background-color:#A2A865 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor