

# Converting Colors

Hex(A2A76A)

Have a look what the booklet for  
Hex(A2A76A) contains.

<b>Hex(A2A76A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A2A76A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2A76A
RGB	162, 167, 106
RGB Percent	64%, 65%, 42%
CMY	0.3647, 0.3451, 0.5843
CMYK	0.03, 0.00, 0.37, 0.35
HSL	65°, 26%, 54%
HSV	65°, 37%, 65%
XYZ	31.3205, 36.3594, 19.0030
YIQ	158.5510, 16.6010, -20.0310

# Conversions

## Conversions Part 2

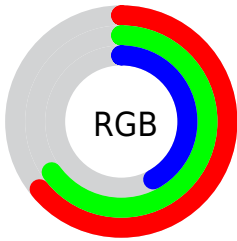
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 167, 111
Decimal	10659690
CIELab	66.79, -11.51, 30.98
CIELCh	67, 33.050, 110.387
Yxy	36.3594, 0.3613, 0.4195
Android (android.graphics.Color)	4288849770 (0xFFA2A76A)
YUV	158.5510, -25.9076, 3.0248
Hunter-Lab	60.2988, -12.8060, 23.5241

# Details

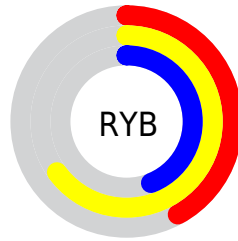
The Hex color **A2A76A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F6AA7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **DADE9E**, and **6D7339** is the 20% darker color. If you saturate the color by 10%, you get **A1A759**, and if you desaturate by 10%, it is **A3A77B**.

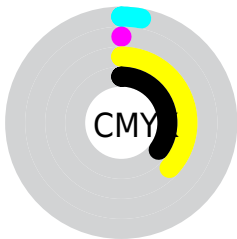
# Distribution



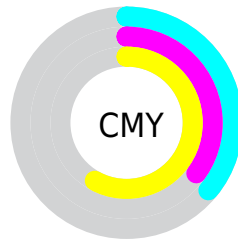
- Red (64%)
- Green (65%)
- Blue (42%)



- Red (42%)
- Yellow (65%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2A76A 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 A2A76A by changing the saturation by 10% instead.





A2A76A



A2A76A

FFFFFF



878D51



DADE9E



6D7339



F6FBB9



545B22



FFFFD5



3C430B



FFFFF2



262D00



081900



000000



A2A76A



A2A76A



A1A759



A3A77B

9FA749

A5A78B

9EA738

A6A79C

9DA727

A7A7AD

9BA716

A9A7BD

9AA706

AAA7CE

99A700

ACA7DF

ADA7F0

AEA7FF

# Harmonies

## Analogous

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



BF9D68



A2A76A



80AE7C

# Triad

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



A2A76A



40AFCF



D68DAD

# Complementary

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



A2A76A



6F6AA7

# 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.



BF94C9



A2A76A



6AA8DD

# Square

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



A2A76A



3CB2B6



999EDA



DD8D8F

# Rectangle

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



A2A76A



68B18E



999EDA



D08EB7



# Sweetspot

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



A2A76A



D7D9C1



A76E6A



6C6E5F



EDEDED



6E6E6E



# Same Dimension

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



A2A76A



D1D979



84A76A



53544C



889400



131400



# Inverse Universe

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



6F6AA7



8179D9



8D6AA7



4C4C54



0C0094



020014



# Previews

## White Background



This preview shows how the Hex color A2A76A looks on a white background.

## Color Contrast Check

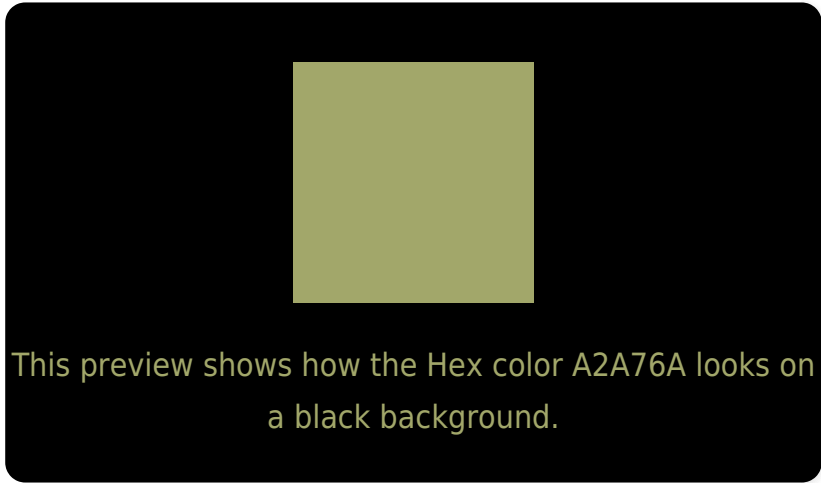
Large Text (above 18pt) WCAG AA × Fail

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

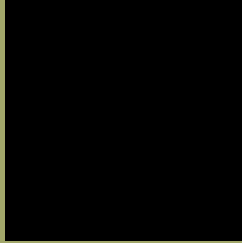
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2A76A Background



This preview shows how black text looks on a background with the Hex color A2A76A.



This preview shows how white text looks on a background with the Hex color A2A76A.

# 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**  
A2A76A

**Protanopia**  
B1A268

**Deuteranopia**  
C39B6D



**Tritanopia**  
AA9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2A76A 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 #A2A76A looks like.

```
.text, #text, p{  
    color:#A2A76A  
}
```

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 #A2A76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2A76A
}
```

## Border

The CSS property to change the border of an element to Hex A2A76A 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
#A2A76A }
```

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

```
.border{ border-color:#A2A76A }
```

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

Here you see how a box with a 4 pixel #A2A76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2A76A; -webkit-box-shadow:4px 4px  
4px 4px #A2A76A; box-shadow:4px 4px 4px  
4px #A2A76A }
```

# Background

The CSS property to change the background color of an element to Hex A2A76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2A76A }
```

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

```
.background{ background-color:#A2A76A }
```

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