

# Converting Colors

Hex(A2B766)

Have a look what the booklet for  
Hex(A2B766) contains.

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# **Color**

**Hex(A2B766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2B766
RGB	162, 183, 102
RGB Percent	64%, 72%, 40%
CMY	0.3647, 0.2824, 0.6000
CMYK	0.11, 0.00, 0.44, 0.28
HSL	76°, 36%, 56%
HSV	76°, 44%, 72%
XYZ	34.2321, 42.5077, 18.9710
YIQ	167.4870, 13.4850, -29.6430

# Conversions

## Conversions Part 2

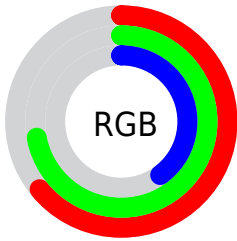
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 183, 123
Decimal	10663782
CIELab	71.22, -20.20, 38.67
CIELCh	71, 43.633, 117.584
Yxy	42.5077, 0.3577, 0.4441
Android (android.graphics.Color)	4288853862 (0xFFA2B766)
YUV	167.4870, -32.2851, -4.8121
Hunter-Lab	65.1979, -20.3752, 28.3866

# Details

The Hex color **A2B766** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7B66B7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DAEF9A**, and **6D8234** is the 20% darker color. If you saturate the color by 10%, you get **9DB754**, and if you desaturate by 10%, it is **A7B778**.

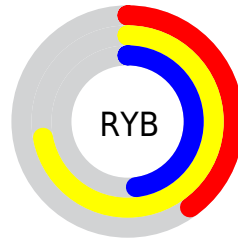
# Distribution



Red (64%)

Green (72%)

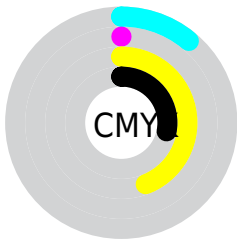
Blue (40%)



Red (40%)

Yellow (72%)

Blue (48%)

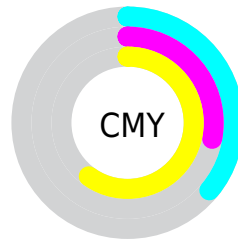


Cyan (11%)

Magenta (0%)

Yellow (44%)

Black (28%)



Cyan (36%)

Magenta (28%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2B766 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 A2B766 by changing the saturation by 10% instead.



 A2B766

 A2B766

FFFFFF

 879C4D

 DAEF9A

 6D8234

 F7FFB6

 53691C

 FFFFD2

 3A5100

 FFFFEE

 233A00

 082400

 000800

 000000

 A2B766

 A2B766

 9DB754

 A7B778

 99B741

 ABB78B

 94B72F

 B0B79D

 8FB71D

 B5B7AF

 8AB70B

 BAB7C2

 88B700

 BEB7D4

 C3B7E6

 C8B7F8

 CDB7FF

# Harmonies

## Analogous

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



CAAB5E



A2B766



72BF82

# Triad

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



A2B766



00BDF1



F78FB3

# Complementary

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



A2B766



7B66B7

# 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.



DD97DA



A2B766



69B3FD

# Square

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



A2B766



00C3D2



ADA5F5



FA918C

# Rectangle

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



A2B766



4AC29C



ADA5F5



F190C1



# Sweetspot

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



A2B766



E5EDCE



B77A66



737865



F7F7F7



787878



# Same Dimension

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



A2B766



CDED6F



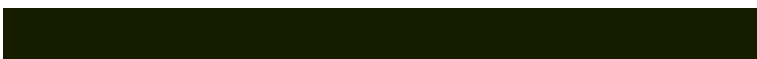
7AB766



595C53



739C00



151C00



# Inverse Universe

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



7B66B7



906FED



A366B7



55535C



28009C



07001C



# Previews

## White Background



This preview shows how the Hex color A2B766 looks on a white background.

## Color Contrast Check

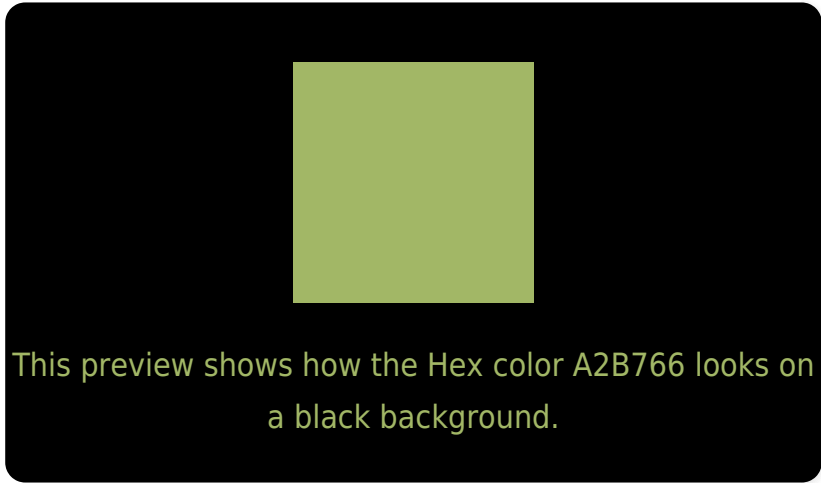
Large Text (above 18pt) WCAG AA × Fail

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

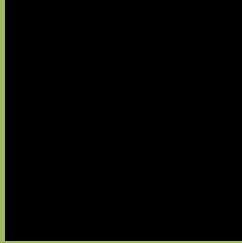
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

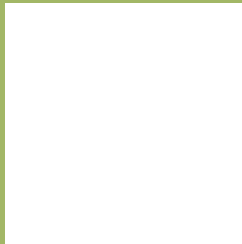
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2B766 Background



This preview shows how black text looks on a background with the Hex color A2B766.



This preview shows how white text looks on a background with the Hex color A2B766.

# 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



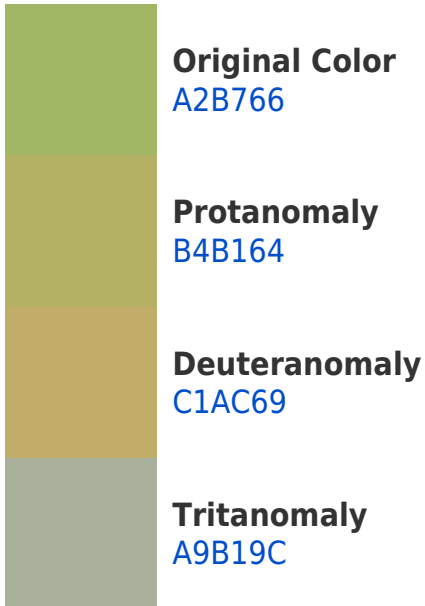
**Original Color**  
A2B766

**Protanopia**  
BFAE63

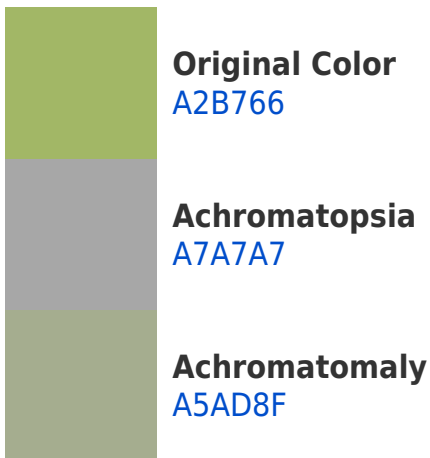
**Deuteranopia**  
D3A66A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2B766 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 #A2B766 looks like.

```
.text, #text, p{  
    color:#A2B766  
}
```

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 #A2B766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2B766
}
```

## Border

The CSS property to change the border of an element to Hex A2B766 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
#A2B766 }
```

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

```
.border{ border-color:#A2B766 }
```

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

Here you see how a box with a 4 pixel #A2B766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2B766; -webkit-box-shadow:4px 4px  
4px 4px #A2B766; box-shadow:4px 4px 4px  
4px #A2B766 }
```

# Background

The CSS property to change the background color of an element to Hex A2B766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2B766 }
```

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

```
.background{ background-color:#A2B766 }
```

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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