

Converting Colors

Hex(A1B761)

Have a look what the booklet for
Hex(A1B761) contains.

Hex(A1B761)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A1B761)

Conversions

Conversions Part 1

Format	Color
Hex	A1B761
RGB	161, 183, 97
RGB Percent	63%, 72%, 38%
CMY	0.3686, 0.2824, 0.6196
CMYK	0.12, 0.00, 0.47, 0.28
HSL	75°, 37%, 55%
HSV	75°, 47%, 72%
XYZ	33.7891, 42.3071, 17.6945
YIQ	166.6180, 14.4940, -31.4100

Conversions

Conversions Part 2

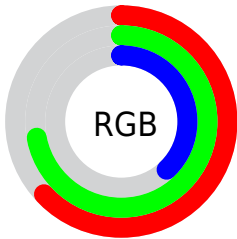
Format	Color
RYB	97, 183, 119
Decimal	10598241
CIELab	71.08, -21.15, 41.00
CIElCh	71, 46.136, 117.291
Yxy	42.3071, 0.3603, 0.4511
Android (android.graphics.Color)	4288788321 (0xFFA1B761)
YUV	166.6180, -34.3217, -4.9270
Hunter-Lab	65.0439, -21.0994, 29.4016

Details

The Hex color **A1B761** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **7761B7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D9EF95**, and **6C822F** is the 20% darker color. If you saturate the color by 10%, you get **9CB74F**, and if you desaturate by 10%, it is **A6B773**.

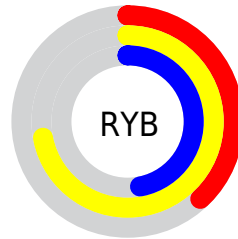
Distribution



Red (63%)

Green (72%)

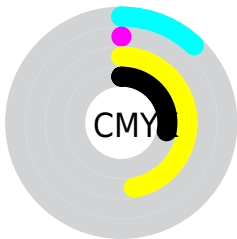
Blue (38%)



Red (38%)

Yellow (72%)

Blue (47%)

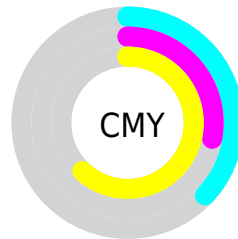


Cyan (12%)

Magenta (0%)

Yellow (47%)

Black (28%)



Cyan (37%)

Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1B761 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 A1B761 by changing the saturation by 10% instead.

 A1B761

FFFFFF

 D9EF95

 F6FFB1

 FFFFCC

 FFFFE9

 A1B761

 A1B761

 869C48

 6C822F

 526915

 395100

 213A00

 052400

 000700

 000000

 A1B761

 9CB74F

 A6B773

 98B73C

 AAB786

 93B72A

 AFB798

 8EB718

 B4B7AA

 8AB705

 B8B7BC

 88B700

 BDB7CF

 C2B7E1

 C6B7F3

 CBB7FF

Harmonies

Analogous

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



CBA A58



A1B 761



6EB F7F

Triad

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



A1B761



00BEF4



FA8CB4

Complementary

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



A1B761



7761B7

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.



DF95DC



A1B761



60B3FF

Square

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



A1B761



00C3D3



ACA5F9



FD8F8A

Rectangle

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



A1B761



40C39A



ACA5F9



F38EC2

Sweetspot

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



A1B761



E5EDCC



B77661



737863



F7F7F7



787878

Same Dimension

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



A1B761



CBED68



76B761



595C53



749C00



151C00

Inverse Universe

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



7761B7



8A68ED



A261B7



55535C



28009C



07001C

Previews

White Background



This preview shows how the Hex color A1B761 looks on a white background.

Color Contrast Check

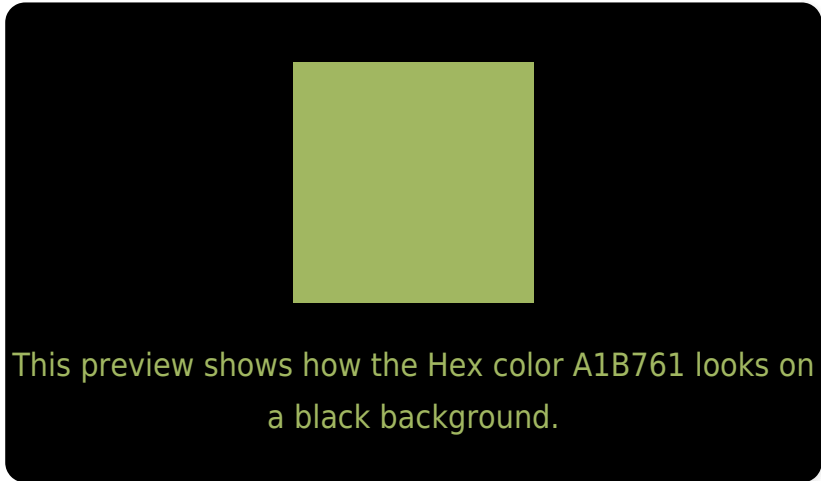
Large Text (above 18pt) WCAG AA × Fail

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

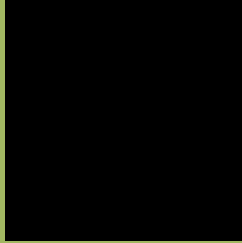
Any Text WCAG AA ✓ Pass

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 A1B761 Background



This preview shows how black text looks on a background with the Hex color A1B761.

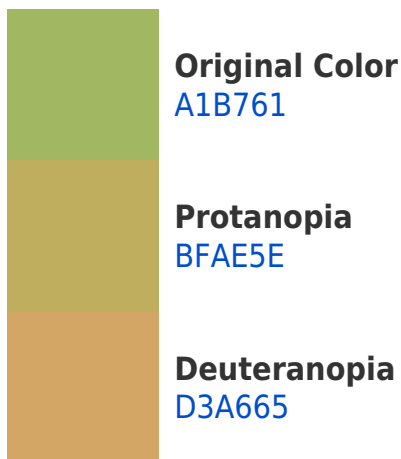


This preview shows how white text looks on a background with the Hex color A1B761.

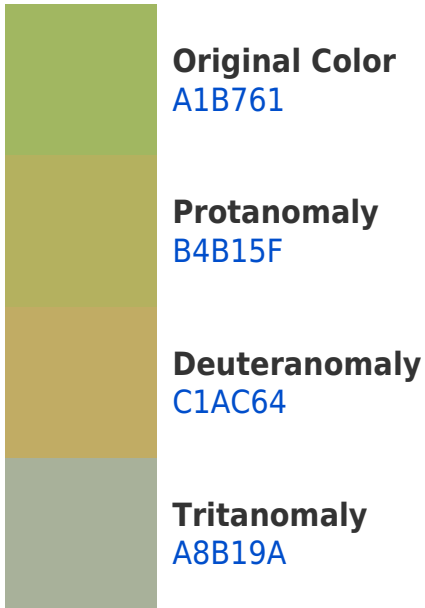
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1B761 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 #A1B761 looks like.

```
.text, #text, p{  
    color:#A1B761  
}
```

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 #A1B761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1B761
}
```

Border

The CSS property to change the border of an element to Hex A1B761 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
#A1B761 }
```

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

```
.border{ border-color:#A1B761 }
```

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

Here you see how a box with a 4 pixel #A1B761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1B761; -webkit-box-shadow:4px 4px  
4px 4px #A1B761; box-shadow:4px 4px 4px  
4px #A1B761 }
```

Background

The CSS property to change the background color of an element to Hex A1B761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1B761 }
```

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

```
.background{ background-color:#A1B761 }
```

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