

Converting Colors

Hex(B0A661)

Have a look what the booklet for
Hex(B0A661) contains.

Hex(B0A661)	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(B0A661)

Conversions

Conversions Part 1

Format	Color
Hex	B0A661
RGB	176, 166, 97
RGB Percent	69%, 65%, 38%
CMY	0.3098, 0.3490, 0.6196
CMYK	0.00, 0.06, 0.45, 0.31
HSL	52°, 33%, 54%
HSV	52°, 45%, 69%
XYZ	33.6984, 37.3656, 16.7455
YIQ	161.1240, 28.1090, -19.3390

Conversions

Conversions Part 2

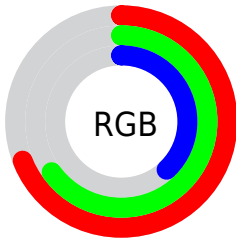
Format	Color
RYB	108, 176, 97
Decimal	11576929
CIELab	67.55, -6.25, 36.90
CIELCh	68, 37.424, 99.610
Yxy	37.3656, 0.3838, 0.4255
Android (android.graphics.Color)	4289767009 (0xFFB0A661)
YUV	161.1240, -31.6131, 13.0463
Hunter-Lab	61.1274, -8.5693, 26.5471

Details

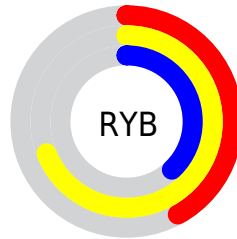
The Hex color **B0A661** is a light color, and the websafe version is hex **999966**. A complement of this color would be **616BB0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E9DD95**, and **7A7230** is the 20% darker color. If you saturate the color by 10%, you get **B0A44F**, and if you desaturate by 10%, it is **B0A873**.

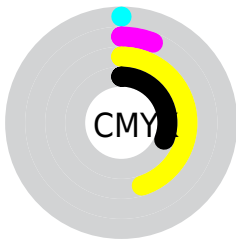
Distribution



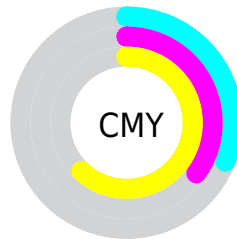
- Red (69%)
- Green (65%)
- Blue (38%)



- Red (42%)
- Yellow (69%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (45%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0A661 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 B0A661 by changing the saturation by 10% instead.

 B0A661

 B0A661

FFFFFF

 958C48

 E9DD95

 7A7230

 FFF9B0

 605A18

 FFFFCC

 474300

 FFFFEE

 2F2D00

 161900

 000000

 B0A661

 B0A661

 B0A44F

 B0A873

 B0A23E

 B0AA84

 B09F2C

 B0AD96

 B09D1B

 B0AFA7

 B09B09

 B0B1B9

 B09A00

 B0B3CB

 B0B6DC

 B0B8EE

 B0BAFF

Harmonies

Analogous

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



CE9A66



B0A661



8BAF6F

Triad

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



B0A661



01B5CE



D88DBD

Complementary

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



B0A661



616BB0

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.



B698D9



B0A661



49AEE3

Square

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



B0A661



2EB7AF



85A4E7



E68A9B

Rectangle

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



B0A661



70B381



85A4E7



CF90C7

Sweetspot

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



B0A661



E6E2C8



B0616C



737060



F2F2F2



737373

Same Dimension

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



B0A661



E6D66A



93B061



595850



998600



1A1600

Inverse Universe

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



616BB0



6A79E6



7E61B0



505159



001399



00031A

Previews

White Background



This preview shows how the Hex color B0A661 looks on a white background.

Color Contrast Check

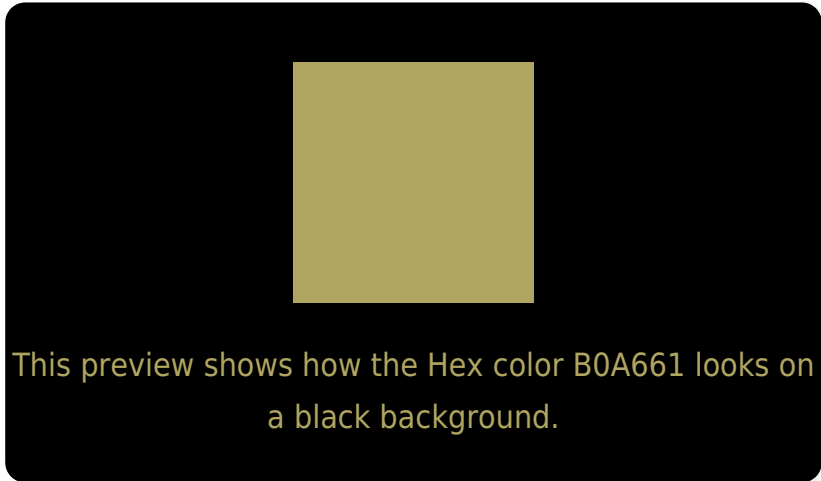
Large Text (above 18pt) WCAG AA × Fail

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

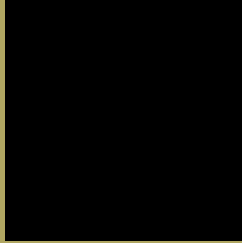
Any Text WCAG AA ✓ Pass

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 B0A661 Background



This preview shows how black text looks on a background with the Hex color B0A661.



This preview shows how white text looks on a background with the Hex color B0A661.

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
B0A661

Protanopia
B4A560

Deuteranopia
C79D63



Tritanopia
B89DAA

Trichromacy



Original Color
B0A661

Protanomaly
B3A560

Deuteranomaly
BFA062

Tritanomaly
B5A08F

Monochromacy



Original Color
B0A661

Achromatopsia
A1A1A1

Achromatomaly
A6A38A

CSS Examples

Text

The CSS property to change the color of the text to Hex B0A661 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 #B0A661 looks like.

```
.text, #text, p{  
    color:#B0A661  
}
```

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 #B0A661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A661
}
```

Border

The CSS property to change the border of an element to Hex B0A661 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
#B0A661 }
```

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

```
.border{ border-color:#B0A661 }
```

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

Here you see how a box with a 4 pixel #B0A661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A661; -webkit-box-shadow:4px 4px  
4px 4px #B0A661; box-shadow:4px 4px 4px  
4px #B0A661 }
```

Background

The CSS property to change the background color of an element to Hex B0A661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A661 }
```

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

```
.background{ background-color:#B0A661 }
```

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