

Converting Colors

Hex(B2A271)

Have a look what the booklet for
Hex(B2A271) contains.

Hex(B2A271)	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(B2A271)

Conversions

Conversions Part 1

Format	Color
Hex	B2A271
RGB	178, 162, 113
RGB Percent	70%, 64%, 44%
CMY	0.3020, 0.3647, 0.5569
CMYK	0.00, 0.09, 0.37, 0.30
HSL	45°, 30%, 57%
HSV	45°, 37%, 70%
XYZ	34.2611, 36.4979, 20.8618
YIQ	161.1980, 25.2650, -11.8470

Conversions

Conversions Part 2

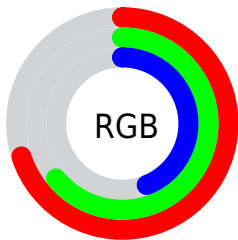
Format	Color
RYB	134, 178, 113
Decimal	11706993
CIELab	66.90, -1.48, 27.63
CIELCh	67, 27.669, 93.065
Yxy	36.4979, 0.3739, 0.3984
Android (android.graphics.Color)	4289897073 (0xFFB2A271)
YUV	161.1980, -23.7616, 14.7354
Hunter-Lab	60.4135, -4.4945, 21.8156

Details

The Hex color **B2A271** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7181B2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EBD9A5**, and **7C6F40** is the 20% darker color. If you saturate the color by 10%, you get **B29E5F**, and if you desaturate by 10%, it is **B2A683**.

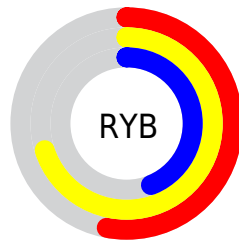
Distribution



Red (70%)

Green (64%)

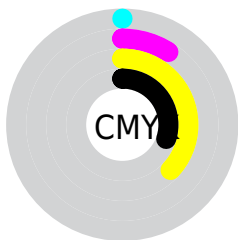
Blue (44%)



Red (53%)

Yellow (70%)

Blue (44%)

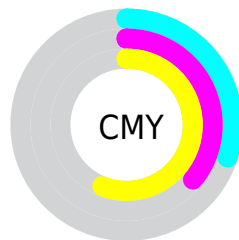


Cyan (0%)

Magenta (9%)

Yellow (37%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2A271 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 B2A271 by changing the saturation by 10% instead.

 B2A271

 B2A271

FFFFFF

 978858

 EBD9A5

 7C6F40

 FFF5C1

 625629

 FFFFDD

 4A3F13

 FFFFF9

 322900

 1A1500

 000000

 B2A271

 B2A271

 B29E5F

 B2A683

 B2994D

 B2AB95

 B2953C

 B2AFA6

 B2902A

 B2B4B8

 B28C18

 B2B8CA

 B28806

 B2BCDC

 B28600

 B2C1EE

 B2C5FF

 B2C9FF

Harmonies

Analogous

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



C79A77



B2A271



97A978

Triad

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



B2A271



55B0BD



C594BA

Complementary

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



B2A271



7181B2

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.



AA9BCC



B2A271



65ABCE

Square

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



B2A271



60B1A5



87A4D4



D390A1

Rectangle

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



B2A271



84AD84



87A4D4



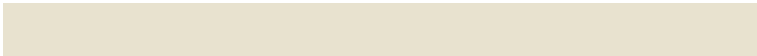
BD96C1

Sweetspot

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



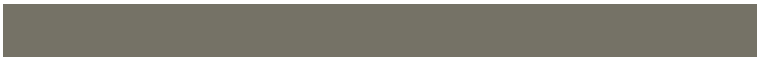
B2A271



E8E2CF



B27181



757266



F5F5F5



757575

Same Dimension

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



B2A271



E8CF82



A2B271



595750



997300



1A1300

Inverse Universe

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



7181B2



829BE8



8171B2



505359



002699



00061A

Previews

White Background



This preview shows how the Hex color B2A271 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

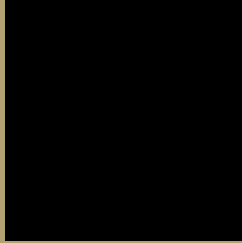
Any Text WCAG AA ✓ Pass

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 B2A271 Background



This preview shows how black text looks on a background with the Hex color B2A271.

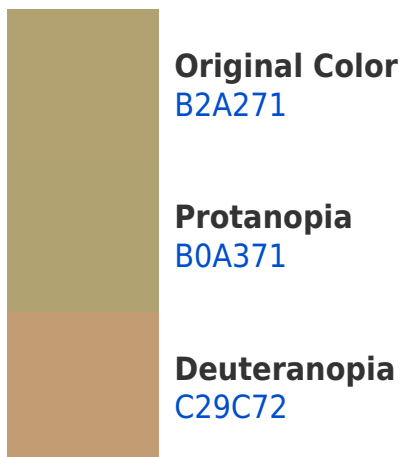


This preview shows how white text looks on a background with the Hex color B2A271.

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



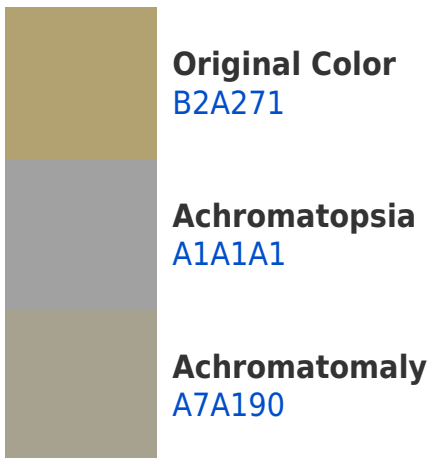


Tritanopia
B89BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2A271 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 #B2A271 looks like.

```
.text, #text, p{  
    color:#B2A271  
}
```

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 #B2A271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A271
}
```

Border

The CSS property to change the border of an element to Hex B2A271 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
#B2A271 }
```

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

```
.border{ border-color:#B2A271 }
```

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

Here you see how a box with a 4 pixel #B2A271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A271; -webkit-box-shadow:4px 4px  
4px 4px #B2A271; box-shadow:4px 4px 4px  
4px #B2A271 }
```

Background

The CSS property to change the background color of an element to Hex B2A271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A271 }
```

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

```
.background{ background-color:#B2A271 }
```

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