

# Converting Colors

Hex(B2A665)

Have a look what the booklet for  
Hex(B2A665) contains.

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# **Color**

**Hex(B2A665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A665
RGB	178, 166, 101
RGB Percent	70%, 65%, 40%
CMY	0.3020, 0.3490, 0.6039
CMYK	0.00, 0.07, 0.43, 0.30
HSL	51°, 33%, 55%
HSV	51°, 43%, 70%
XYZ	34.3453, 37.6770, 17.7741
YIQ	162.1780, 28.0170, -17.6710

# Conversions

## Conversions Part 2

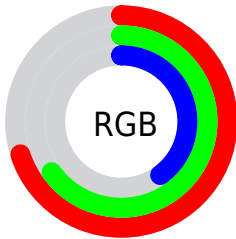
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 178, 101
Decimal	11708005
CIELab	67.78, -5.00, 35.15
CIElCh	68, 35.500, 98.089
Yxy	37.6770, 0.3825, 0.4196
Android (android.graphics.Color)	4289898085 (0xFFB2A665)
YUV	162.1780, -30.1608, 13.8759
Hunter-Lab	61.3816, -7.5404, 25.7987

# Details

The Hex color **B2A665** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6571B2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **EBDD99**, and **7C7234** is the 20% darker color. If you saturate the color by 10%, you get **B2A353**, and if you desaturate by 10%, it is **B2A977**.

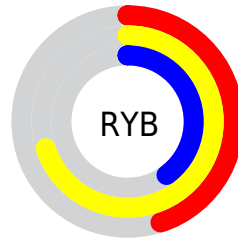
# Distribution



Red (70%)

Green (65%)

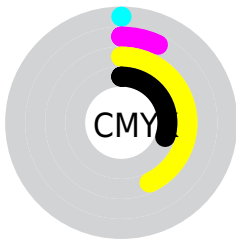
Blue (40%)



Red (45%)

Yellow (70%)

Blue (40%)

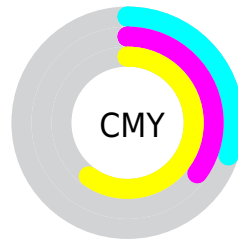


Cyan (0%)

Magenta (7%)

Yellow (43%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2A665 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 B2A665 by changing the saturation by 10% instead.





B2A665



B2A665

FFFFFF



978C4C



EBDD99



7C7234



FFF9B4



625A1D



FFFFD0



484304



FFF FEC



312D00



181800



000000



B2A665



B2A665



B2A353



B2A977

 B2A041

 B2AC89

 B29E30

 B2AE9A

 B29B1E

 B2B1AC

 B2980C

 B2B4BE

 B29600

 B2B7D0

 B2B9E2

 B2BCF3

 B2BFFF

# Harmonies

## Analogous

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



CE9B6A



B2A665



8FAF72

# Triad

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



B2A665



27B5CC



D590BE

# Complementary

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



B2A665



6571B2

# 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.



B49AD8



B2A665



50AFE0

# Square

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



B2A665



3EB6AD



86A5E4



E38C9E

# Rectangle

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



B2A665



76B382



86A5E4



CC93C7



# Sweetspot

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



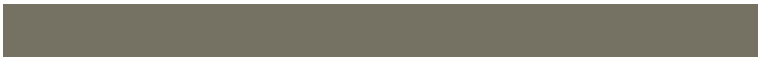
B2A665



E8E3CA



B26572



757263



F5F5F5



757575



# Same Dimension

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



B2A665



E8D56F



98B265



595850



998100



1A1600



# Inverse Universe

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



6571B2



6F82E8



7F65B2



505259



001899



00041A



# Previews

## White Background



This preview shows how the Hex color B2A665 looks on a white background.

## Color Contrast Check

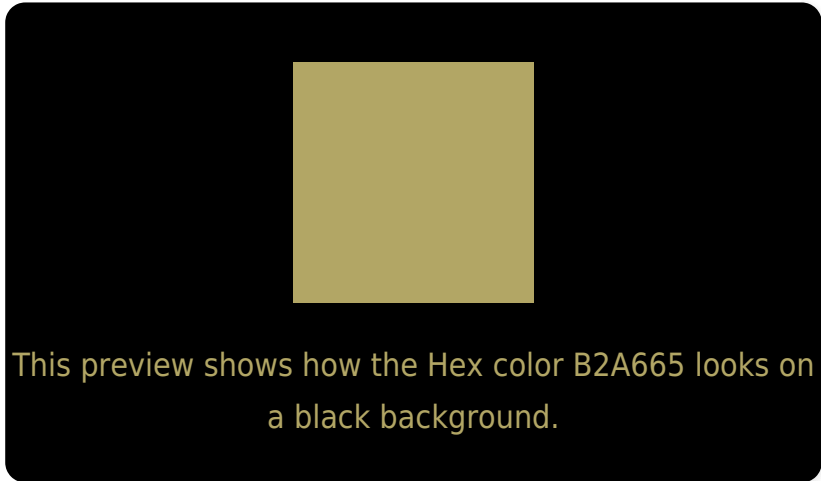
Large Text (above 18pt) WCAG AA × Fail

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

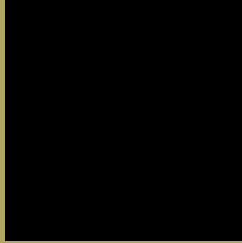
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2A665 Background



This preview shows how black text looks on a background with the Hex color B2A665.



This preview shows how white text looks on a background with the Hex color B2A665.

# 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**  
B2A665

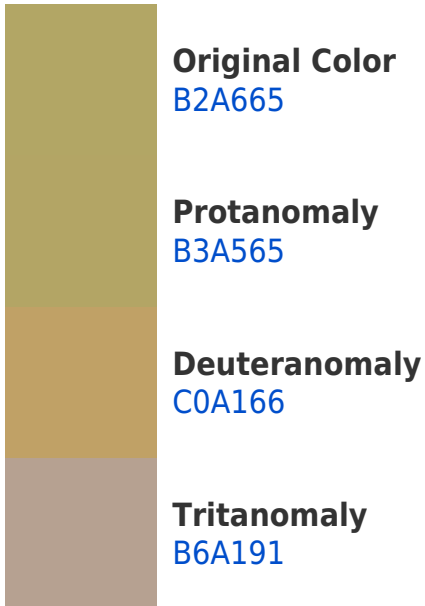
**Protanopia**  
B4A565

**Deuteranopia**  
C89E67

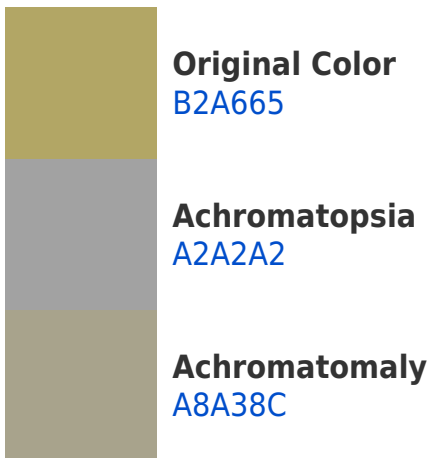


**Tritanopia**  
B99EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2A665 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 #B2A665 looks like.

```
.text, #text, p{  
    color:#B2A665  
}
```

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 #B2A665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A665
}
```

## Border

The CSS property to change the border of an element to Hex B2A665 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
#B2A665 }
```

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

```
.border{ border-color:#B2A665 }
```

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

Here you see how a box with a 4 pixel #B2A665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A665; -webkit-box-shadow:4px 4px  
4px 4px #B2A665; box-shadow:4px 4px 4px  
4px #B2A665 }
```

# Background

The CSS property to change the background color of an element to Hex B2A665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A665 }
```

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

```
.background{ background-color:#B2A665 }
```

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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