

# Converting Colors

Hex(B6A321)

Have a look what the booklet for  
Hex(B6A321) contains.

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**Color**

**Hex(B6A321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6A321
RGB	182, 163, 33
RGB Percent	71%, 64%, 13%
CMY	0.2863, 0.3608, 0.8706
CMYK	0.00, 0.10, 0.82, 0.29
HSL	52°, 69%, 42%
HSV	52°, 82%, 71%
XYZ	32.6631, 36.2493, 6.7141
YIQ	153.8610, 53.0540, -36.4020

# Conversions

## Conversions Part 2

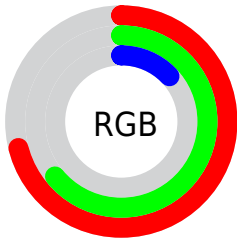
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 182, 33
Decimal	11969313
CIELab	66.71, -6.29, 63.59
CIELCh	67, 63.899, 95.646
Yxy	36.2493, 0.4319, 0.4793
Android (android.graphics.Color)	4290159393 (0xFFB6A321)
YUV	153.8610, -59.5845, 24.6779
Hunter-Lab	60.2074, -8.5248, 35.5333

# Details

The Hex color **B6A321** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2134B6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F1DA5B**, and **7D7000** is the 20% darker color. If you saturate the color by 10%, you get **B6A10F**, and if you desaturate by 10%, it is **B6A533**.

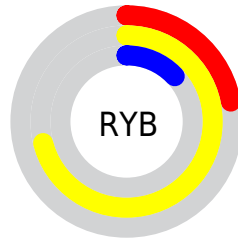
# Distribution



Red (71%)

Green (64%)

Blue (13%)



Red (22%)

Yellow (71%)

Blue (13%)

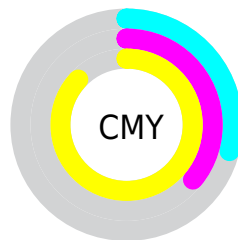


Cyan (0%)

Magenta (10%)

Yellow (82%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6A321 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 B6A321 by changing the saturation by 10% instead.



 B6A321

 B6A321

FFFFFF

 998900

 F1DA5B

 7D7000

 FFF676

 625800

 FFFF91

 464100

 FFFFAD

 2D2B00

 FFFFC A

 131700

 FFFF E7


 000000

 B6A321

 B6A321

 B6A10F

 B6A533

 B69F00

 B6A845

 B6AA58

 B6AC6A

 B6AF7C

 B6B18E

 B6B3A0

 B6B6B3

 B6B8C5

# Harmonies

## Analogous

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



E58E36



B6A321



7AB23D

# Triad

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



B6A321



00BCE4



F076D3

# Complementary

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



B6A321



2134B6

# 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.



B28EFF



B6A321



00B5FF

# Square

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



B6A321



00BEAC



2BA5FF



FF6B9A

# Rectangle

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



B6A321



40B85E



2BA5FF



E07EE4



# Sweetspot

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



B6A321



EDE6B2



B62135



787354



F7F7F7



787878



# Same Dimension

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



B6A321



EDD005



7FB621



5C5B53



9C8800



1C1800



# Inverse Universe

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



2134B6



0522ED



5821B6



53545C



00149C

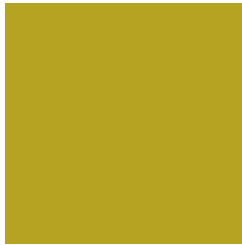


00041C



# Previews

## White Background



This preview shows how the Hex color B6A321 looks on a white background.

## Color Contrast Check

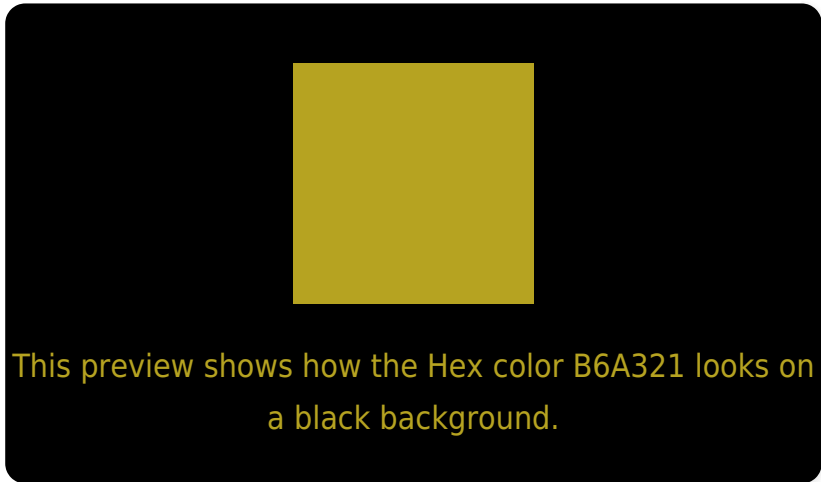
Large Text (above 18pt) WCAG AA × Fail

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 B6A321 Background



This preview shows how black text looks on a background with the Hex color B6A321.



This preview shows how white text looks on a background with the Hex color B6A321.

# 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**  
B6A321

**Protanopia**  
B7A321

**Deuteranopia**  
CC9A26

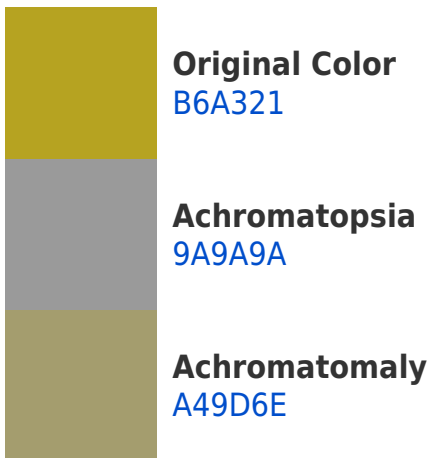


**Tritanopia**  
BF98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6A321 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 #B6A321 looks like.

```
.text, #text, p{  
    color:#B6A321  
}
```

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 #B6A321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A321
}
```

## Border

The CSS property to change the border of an element to Hex B6A321 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
#B6A321 }
```

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

```
.border{ border-color:#B6A321 }
```

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

Here you see how a box with a 4 pixel #B6A321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A321; -webkit-box-shadow:4px 4px  
4px 4px #B6A321; box-shadow:4px 4px 4px  
4px #B6A321 }
```

# Background

The CSS property to change the background color of an element to Hex B6A321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A321 }
```

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

```
.background{ background-color:#B6A321 }
```

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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