

# Converting Colors

Hex(BFA631)

Have a look what the booklet for  
Hex(BFA631) contains.

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**Color**

**Hex(BFA631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFA631
RGB	191, 166, 49
RGB Percent	75%, 65%, 19%
CMY	0.2510, 0.3490, 0.8078
CMYK	0.00, 0.13, 0.74, 0.25
HSL	49°, 59%, 47%
HSV	49°, 74%, 75%
XYZ	35.6765, 38.5706, 8.4702
YIQ	160.1370, 52.4570, -31.0870

# Conversions

## Conversions Part 2

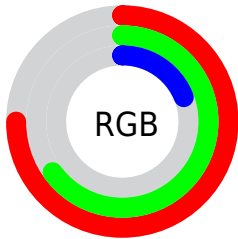
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 191, 49
Decimal	12559921
CIELab	68.44, -3.28, 60.21
CIELCh	68, 60.297, 93.123
Yxy	38.5706, 0.4313, 0.4663
Android (android.graphics.Color)	4290750001 (0xFFBFA631)
YUV	160.1370, -54.7905, 27.0669
Hunter-Lab	62.1052, -6.1444, 35.3873

# Details

The Hex color **BFA631** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **314ABF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FBDD67**, and **867300** is the 20% darker color. If you saturate the color by 10%, you get **BFA31E**, and if you desaturate by 10%, it is **BFA944**.

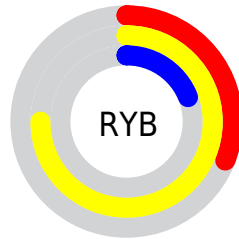
# Distribution



Red (75%)

Green (65%)

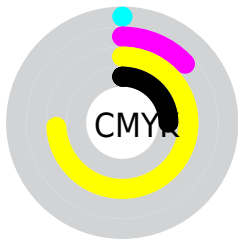
Blue (19%)



Red (31%)

Yellow (75%)

Blue (19%)

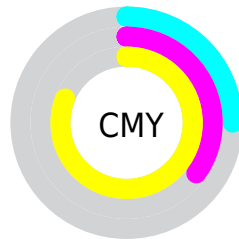


Cyan (0%)

Magenta (13%)

Yellow (74%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFA631 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 BFA631 by changing the saturation by 10% instead.



 BFA631

 BFA631

FFFFFF

 A28C10

 FBDD67

 867300

 FFF982

 6A5A00

 FFFF9E

 4F4300

 FFFFBA

 352D00

 FFFFD6

 1C1900

 FFFFF4

 000000

 BFA631

 BFA631

 BFA31E

 BFA944

 BF9F0B

 BFAD57

 BF9D00

 BFB06A

 BFB37D

 BFB791

 BFBAA4

 BFBEB7

 BFC1CA

 BFC4DD

# Harmonies

## Analogous

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



EB9244



BFA631



87B545

# Triad

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



BFA631



00C0E1



EE80D9

# Complementary

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



BFA631



314ABF

# 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.



**B096FF**



**BFA631**



**00B9FF**

# Square

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



BFA631



00C1AB



35ABFF



FF75A3

# Rectangle

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



BFA631



56BB62



35ABFF



DD87E9



# Sweetspot

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



BFA631



F7EEC1



BF314B



7D775C



FCFCFC



7D7D7D



# Same Dimension

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



BFA631



F7D11B



92BF31



5E5D55



9E8200



1F1900



# Inverse Universe

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



314ABF



1B42F7



5E31BF



55575E



001C9E



00051F



# Previews

## White Background



This preview shows how the Hex color BFA631 looks on a white background.

## Color Contrast Check

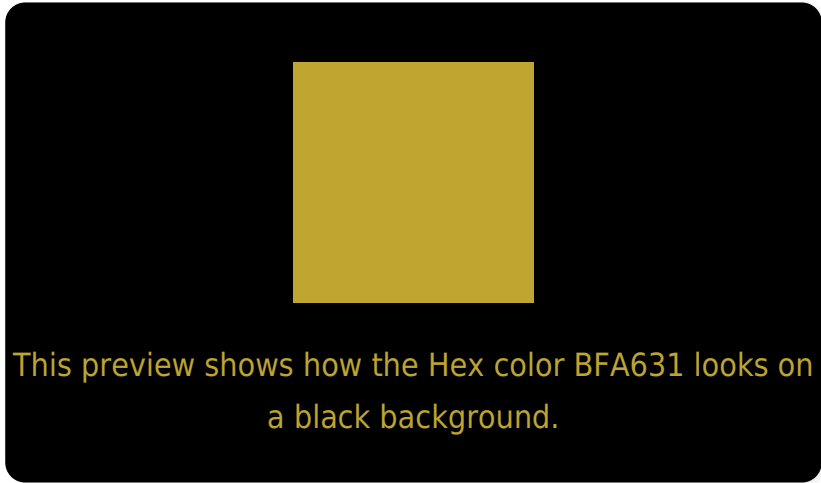
Large Text (above 18pt) WCAG AA × Fail

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 BFA631 Background



This preview shows how black text looks on a background with the Hex color BFA631.

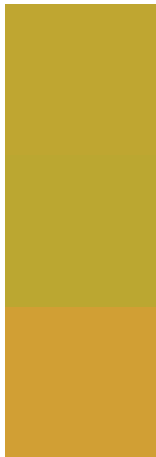


This preview shows how white text looks on a background with the Hex color BFA631.

# 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**  
BFA631

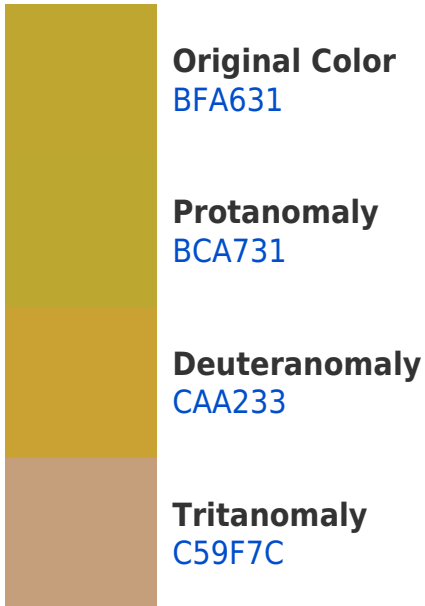
**Protanopia**  
BBA731

**Deuteranopia**  
D19F34

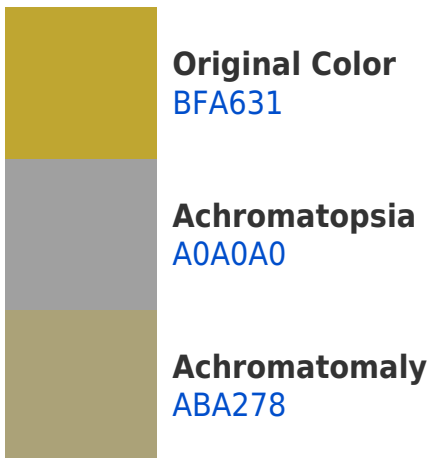


**Tritanopia**  
C89BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFA631 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 #BFA631 looks like.

```
.text, #text, p{  
    color:#BFA631  
}
```

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 #BFA631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFA631
}
```

## Border

The CSS property to change the border of an element to Hex BFA631 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
#BFA631 }
```

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

```
.border{ border-color:#BFA631 }
```

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

Here you see how a box with a 4 pixel #BFA631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFA631; -webkit-box-shadow:4px 4px  
4px 4px #BFA631; box-shadow:4px 4px 4px  
4px #BFA631 }
```

# Background

The CSS property to change the background color of an element to Hex BFA631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFA631 }
```

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

```
.background{ background-color:#BFA631 }
```

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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