

Converting Colors

Hex(BFA44D)

Have a look what the booklet for
Hex(BFA44D) contains.

Hex(BFA44D)	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(BFA44D)

Conversions

Conversions Part 1

Format	Color
Hex	BFA44D
RGB	191, 164, 77
RGB Percent	75%, 64%, 30%
CMY	0.2510, 0.3569, 0.6980
CMYK	0.00, 0.14, 0.60, 0.25
HSL	46°, 47%, 53%
HSV	46°, 60%, 75%
XYZ	36.1009, 38.1631, 12.4847
YIQ	162.1550, 44.0190, -21.3330

Conversions

Conversions Part 2

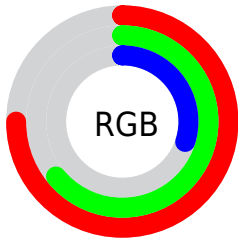
Format	Color
RYB	112, 191, 77
Decimal	12559437
CIELab	68.14, -0.57, 47.91
CIElCh	68, 47.910, 90.687
Yxy	38.1631, 0.4162, 0.4399
Android (android.graphics.Color)	4290749517 (0xFFBFA44D)
YUV	162.1550, -41.9814, 25.2971
Hunter-Lab	61.7763, -3.7966, 31.2612

Details

The Hex color **BFA44D** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4D68BF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FADB81**, and **877119** is the 20% darker color. If you saturate the color by 10%, you get **BF9F3A**, and if you desaturate by 10%, it is **BFA960**.

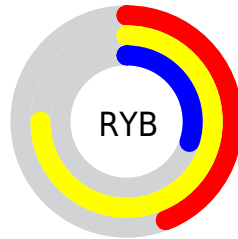
Distribution



Red (75%)

Green (64%)

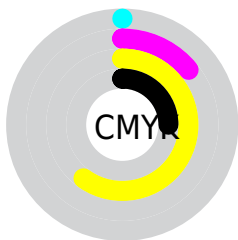
Blue (30%)



Red (44%)

Yellow (75%)

Blue (30%)

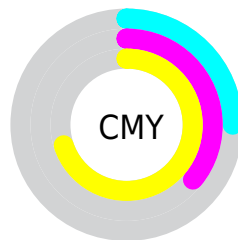


Cyan (0%)

Magenta (14%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFA44D 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 BFA44D by changing the saturation by 10% instead.

 BFA44D

 BFA44D

FFFFFF

 A38A34

 FADB81

 877119

 FFF79C

 6B5800

 FFFFB7

 514100

 FFFFDD

 372B00

 FFFFF0

 1F1700

 000000

 BFA44D

 BFA44D

 BF9F3A

 BFA960

 BF9B27

 BFAD73

 BF9614

 BFB286

 BF9201

 BFB699

 BF9200

 BFB BAC

 BFBFC0

 BFC4D3

 BFC8E6

 BFCDF9

Harmonies

Analogous

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



E2945B



BFA44D



93B159

Triad

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



BFA44D



00BBD1



DC8AD1

Complementary

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



BFA44D



4D68BF

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.



AA9AF1



BFA44D



00B6F1

Square

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



BFA44D



00BCA6



5CAAFC



F582A7

Rectangle

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



BFA44D



70B66D



5CAAFC



CF8FDD

Sweetspot

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



BFA44D



F7EDCB



BF4D6A



7D7661



FCFCFC



7D7D7D

Same Dimension

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



BFA44D



F7CD45



A3BF4D



5E5C55



9E7900



1F1700

Inverse Universe

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



4D68BF



456FF7



6A4DBF



55575E



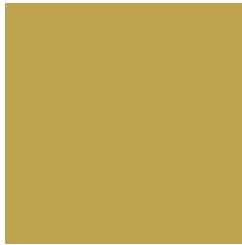
00259E



00071F

Previews

White Background



This preview shows how the Hex color BFA44D looks on a white background.

Color Contrast Check

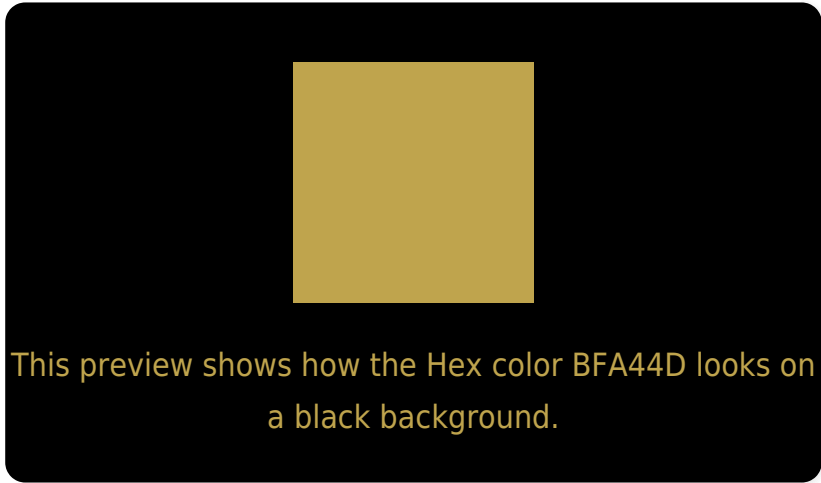
Large Text (above 18pt) WCAG AA × Fail

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

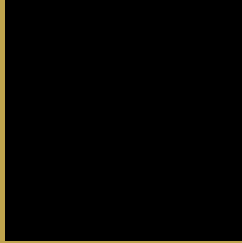
Any Text WCAG AA ✓ Pass

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 BFA44D Background



This preview shows how black text looks on a background with the Hex color BFA44D.

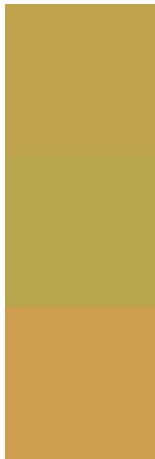


This preview shows how white text looks on a background with the Hex color BFA44D.

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
BFA44D

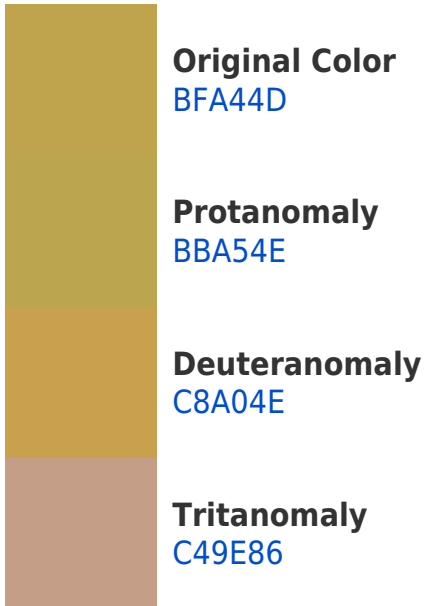
Protanopia
B8A64E

Deuteranopia
CD9E4F

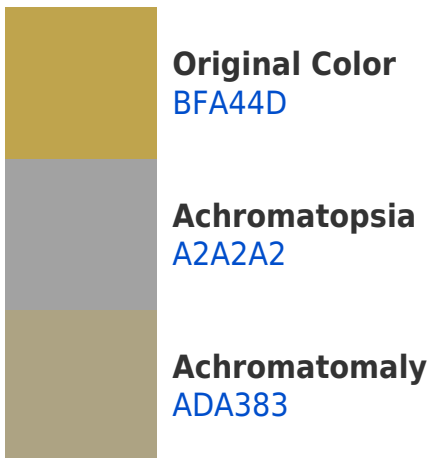


Tritanopia
C79AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFA44D 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 #BFA44D looks like.

```
.text, #text, p{  
    color:#BFA44D  
}
```

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 #BFA44D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFA44D
}
```

Border

The CSS property to change the border of an element to Hex BFA44D 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
#BFA44D }
```

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

```
.border{ border-color:#BFA44D }
```

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

Here you see how a box with a 4 pixel #BFA44D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFA44D; -webkit-box-shadow:4px 4px  
4px 4px #BFA44D; box-shadow:4px 4px 4px  
4px #BFA44D }
```

Background

The CSS property to change the background color of an element to Hex BFA44D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFA44D }
```

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

```
.background{ background-color:#BFA44D }
```

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