

Converting Colors

Hex(BFA756)

Have a look what the booklet for
Hex(BFA756) contains.

Hex(BFA756)	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(BFA756)

Conversions

Conversions Part 1

Format	Color
Hex	BFA756
RGB	191, 167, 86
RGB Percent	75%, 65%, 34%
CMY	0.2510, 0.3451, 0.6627
CMYK	0.00, 0.13, 0.55, 0.25
HSL	46°, 45%, 54%
HSV	46°, 55%, 75%
XYZ	36.9843, 39.3857, 14.4570
YIQ	164.9420, 40.3050, -20.1030

Conversions

Conversions Part 2

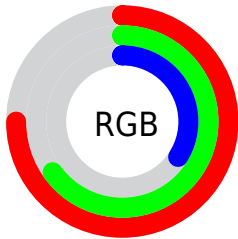
Format	Color
RYB	117, 191, 86
Decimal	12560214
CIELab	69.03, -1.48, 44.57
CIELCh	69, 44.595, 91.897
Yxy	39.3857, 0.4072, 0.4336
Android (android.graphics.Color)	4290750294 (0xFFBFA756)
YUV	164.9420, -38.9184, 22.8529
Hunter-Lab	62.7580, -4.6337, 30.2725

Details

The Hex color **BFA756** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **566EBF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F9DE8A**, and **877324** is the 20% darker color. If you saturate the color by 10%, you get **BFA343**, and if you desaturate by 10%, it is **BFAB69**.

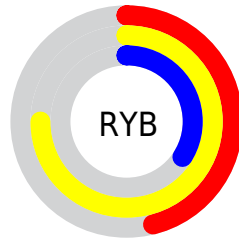
Distribution



Red (75%)

Green (65%)

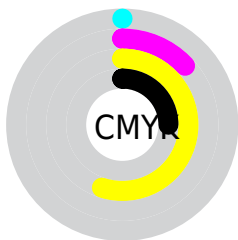
Blue (34%)



Red (46%)

Yellow (75%)

Blue (34%)

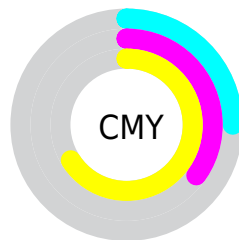


Cyan (0%)

Magenta (13%)

Yellow (55%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFA756 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 BFA756 by changing the saturation by 10% instead.

 BFA756

 BFA756

FFFFFF

 A38D3D

 F9DE8A

 877324

 FFFAA5

 6C5B07

 FFFFC0

 524400

 FFFFDD

 382E00

 FFFFFA

 201900

 000000

 BFA756

 BFA756

 BFA343

 BFAB69

 BF9E30

 BFB07C

 BF9A1D

 BFB48F

 BF960A

 BFB8A2

 BF9300

 BFBDB6

 BFC1C9

 BFC6DC

 BFCAEF

 BFCEFF

Harmonies

Analogous

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



E09962



BFA756



95B362

Triad

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



BFA756



00BCD2



DD8FCF

Complementary

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



BFA756



566EBF

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.



AF9DED



BFA756



00B7EF

Square

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



BFA756



00BDAA



6BACF9



F388A7

Rectangle

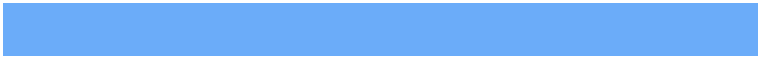
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BFA756



75B875



6BACF9



D093DB

Sweetspot

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



BFA756



F7EED0



BF566F



7D7865



FCFCFC



7D7D7D

Same Dimension

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



BFA756



F7D254



A3BF56



5E5C55



9E7A00



1F1800

Inverse Universe

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



566EBF



5479F7



7256BF



55575E



00249E



00071F

Previews

White Background



This preview shows how the Hex color BFA756 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 BFA756 Background



This preview shows how black text looks on a background with the Hex color BFA756.

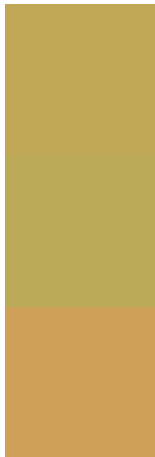


This preview shows how white text looks on a background with the Hex color BFA756.

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
BFA756

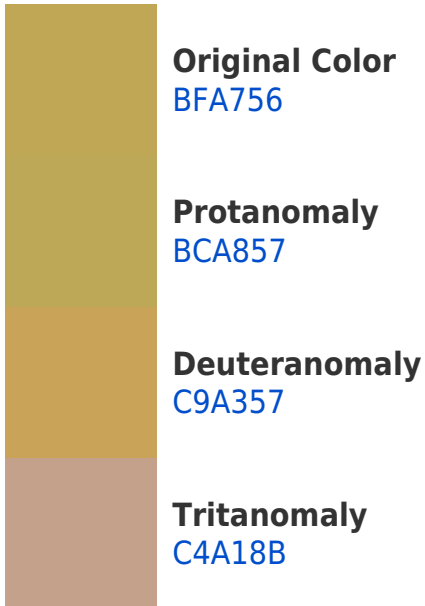
Protanopia
BAA957

Deuteranopia
CFA158

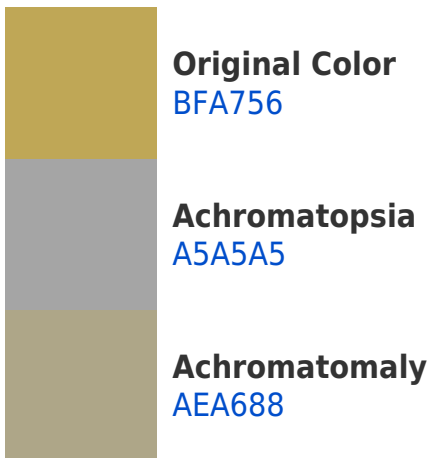


Tritanopia
C79EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFA756 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 #BFA756 looks like.

```
.text, #text, p{  
    color:#BFA756  
}
```

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 #BFA756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFA756
}
```

Border

The CSS property to change the border of an element to Hex BFA756 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
#BFA756 }
```

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

```
.border{ border-color:#BFA756 }
```

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

Here you see how a box with a 4 pixel #BFA756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFA756; -webkit-box-shadow:4px 4px  
4px 4px #BFA756; box-shadow:4px 4px 4px  
4px #BFA756 }
```

Background

The CSS property to change the background color of an element to Hex BFA756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFA756 }
```

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

```
.background{ background-color:#BFA756 }
```

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