

# Converting Colors

Hex(BFA766)

Have a look what the booklet for  
Hex(BFA766) contains.

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# **Color**

**Hex(BFA766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFA766</a>
RGB	<a href="#">191, 167, 102</a>
RGB Percent	<a href="#">75%, 65%, 40%</a>
CMY	<a href="#">0.2510, 0.3451, 0.6000</a>
CMYK	<a href="#">0.00, 0.13, 0.47, 0.25</a>
HSL	<a href="#">44°, 41%, 57%</a>
HSV	<a href="#">44°, 47%, 75%</a>
XYZ	<a href="#">37.7028, 39.6731, 18.2409</a>
YIQ	<a href="#">166.7660, 35.1690, -15.1270</a>

# Conversions

## Conversions Part 2

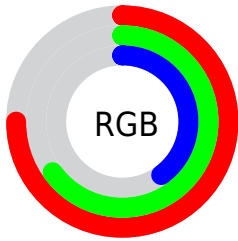
Format	Color
<a href="#">RYB</a>	<a href="#">135, 191, 102</a>
Decimal	<a href="#">12560230</a>
CIELab	<a href="#">69.24, -0.02, 36.71</a>
CIELCh	<a href="#">69, 36.705, 90.027</a>
Yxy	<a href="#">39.6731, 0.3943, 0.4149</a>
Android (android.graphics.Color)	<a href="#">4290750310</a> ( <a href="#">0xFFBFA766</a> )
YUV	<a href="#">166.7660, -31.9296, 21.2532</a>
Hunter-Lab	<a href="#">62.9866, -3.3791, 26.9203</a>

# Details

The Hex color **BFA766** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **667EBF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F9DE9A**, and **887335** is the 20% darker color. If you saturate the color by 10%, you get **BFA253**, and if you desaturate by 10%, it is **BFAC79**.

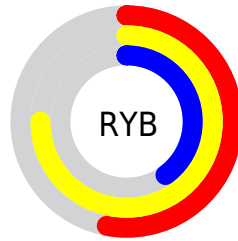
# Distribution



Red (75%)

Green (65%)

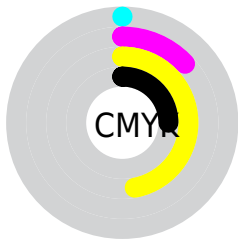
Blue (40%)



Red (53%)

Yellow (75%)

Blue (40%)

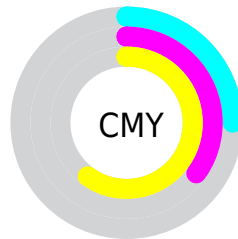


Cyan (0%)

Magenta (13%)

Yellow (47%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFA766 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 BFA766 by changing the saturation by 10% instead.





BFA766



BFA766

FFFFFF



A38D4D



F9DE9A



887335



FFFAB5



6D5B1D



FFFFD1



534404



FFFEE



3B2D00



221900



000000



BFA766



BFA766



BFA253



BFAC79

 BF9D40

 BFB18C

 BF982D

 BFB69F

 BF921A

 BFBCB2

 BF8D07

 BFC1C6

 BF8B00

 BFC6D9

 BFCBEC

 BFD0FF

 BFD5FF

# Harmonies

## Analogous

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



DA9B70



BFA766



9CB16E

# Triad

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



BFA766



21BAC9



D395CB

# Complementary

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



BFA766



667EBF

# 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.



ADA0E3



BFA766



40B5E2

# Square

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



BFA766



49BBA8



79ACEB



E78FAA

# Rectangle

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



BFA766



82B67D



79ACEB



C899D4



# Sweetspot

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



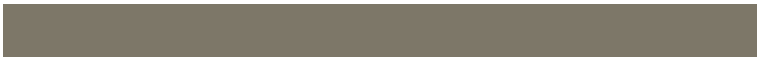
BFA766



F7EED5



BF667F



7D7768



FCFCFC



7D7D7D



# Same Dimension

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



BFA766



F7D26D



ACBF66



5E5C55



9E7300



1F1600



# Inverse Universe

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



667EBF



6D92F7



7966BF



55575E



002B9E



00081F



# Previews

## White Background



This preview shows how the Hex color BFA766 looks on a white background.

## Color Contrast Check

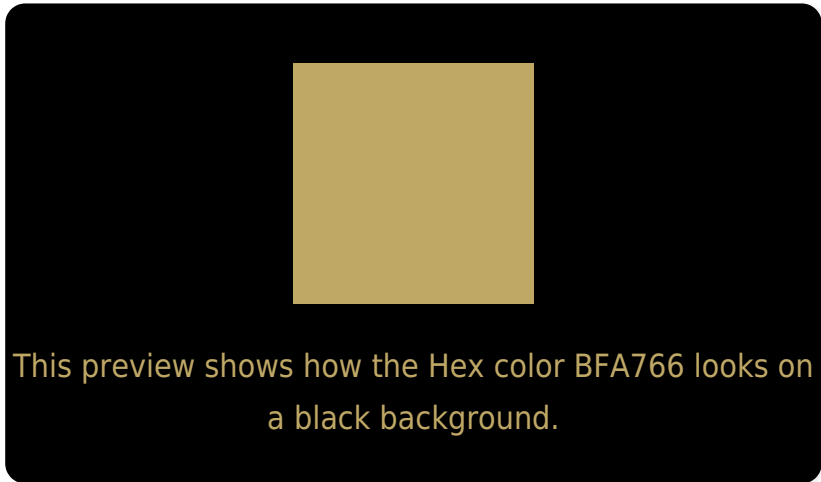
Large Text (above 18pt) WCAG AA × Fail

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

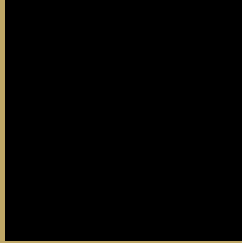
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFA766 Background



This preview shows how black text looks on a background with the Hex color BFA766.



This preview shows how white text looks on a background with the Hex color BFA766.

# 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**  
BFA766

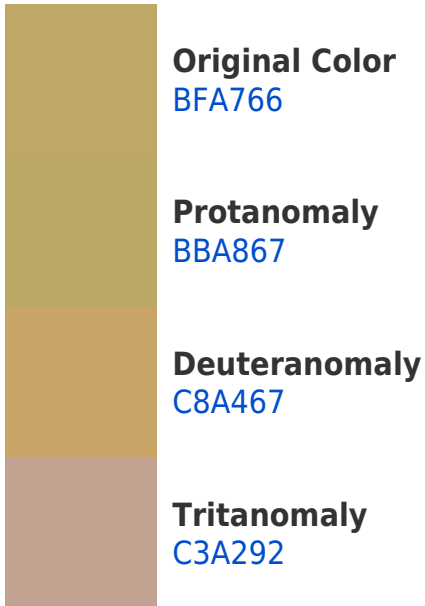
**Protanopia**  
B9A967

**Deuteranopia**  
CDA267

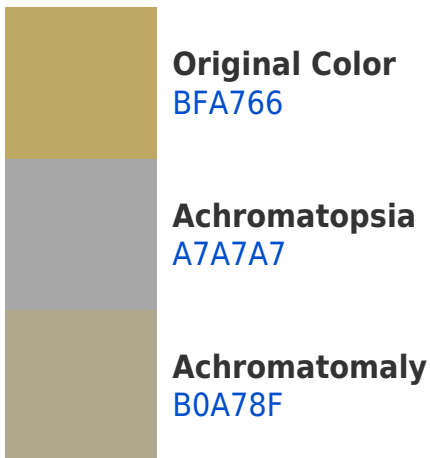


**Tritanopia**  
C69FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFA766 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 #BFA766 looks like.

```
.text, #text, p{  
    color:#BFA766  
}
```

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 #BFA766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFA766
}
```

## Border

The CSS property to change the border of an element to Hex BFA766 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
#BFA766 }
```

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

```
.border{ border-color:#BFA766 }
```

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

Here you see how a box with a 4 pixel #BFA766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFA766; -webkit-box-shadow:4px 4px  
4px 4px #BFA766; box-shadow:4px 4px 4px  
4px #BFA766 }
```

# Background

The CSS property to change the background color of an element to Hex BFA766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFA766 }
```

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

```
.background{ background-color:#BFA766 }
```

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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