

# Converting Colors

Hex(BFAC45)

Have a look what the booklet for  
Hex(BFAC45) contains.

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# **Color**

**Hex(BFAC45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFAC45
RGB	191, 172, 69
RGB Percent	75%, 67%, 27%
CMY	0.2510, 0.3255, 0.7294
CMYK	0.00, 0.10, 0.64, 0.25
HSL	51°, 49%, 51%
HSV	51°, 64%, 75%
XYZ	37.3126, 41.0111, 11.5796
YIQ	165.9390, 44.3870, -28.0050

# Conversions

## Conversions Part 2

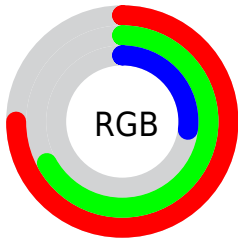
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 191, 69
Decimal	12561477
CIE <sub>Lab</sub>	70.18, -5.37, 53.84
CIE <sub>LCh</sub>	70, 54.104, 95.700
Yxy	41.0111, 0.4150, 0.4562
Android (android.graphics.Color)	4290751557 (0xFFBFAC45)
YUV	165.9390, -47.7909, 21.9785
Hunter-Lab	64.0399, -8.0676, 34.1072

# Details

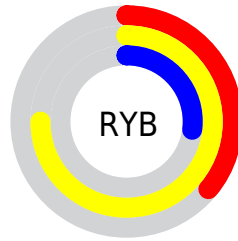
The Hex color **BFAC45** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4558BF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FAE37A**, and **86780A** is the 20% darker color. If you saturate the color by 10%, you get **BFA932**, and if you desaturate by 10%, it is **BFAF58**.

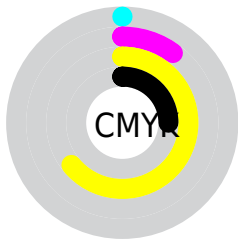
# Distribution



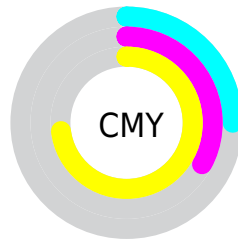
- Red (75%)
- Green (67%)
- Blue (27%)



- Red (36%)
- Yellow (75%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (64%)
- Black (25%)



- Cyan (25%)
- Magenta (33%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFAC45 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 BFAC45 by changing the saturation by 10% instead.





BFAC45



BFAC45

FFFFFF



A2922A



FAE37A



86780A



FFFF95



6B6000



FFFFB0



514800



FFFFCC



363200



FFFFE9



1E1D00



000100



000000



BFAC45



BFAC45

 BFA932

 BFAF58

 BFA61F

 BFB26B

 BFA30C

 BFB57E

 BFA100

 BFB891

 BFBBA5

 BFBEB8

 BFC1CB

 BFC4DE

 BFC7F1

# Harmonies

## Analogous

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



E89A51



BFAC45



8BB958

# Triad

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



BFAC45



00C3E4



EF89D5

# Complementary

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



BFAC45



4558BF

# 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.



BB9BFC



BFAC45



00BBFF

# Square

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



BFAC45



00C4B4



63AEFF



FF81A4

# Rectangle

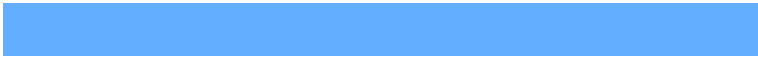
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BFAC45



60BF72



63AEFF



E18EE4

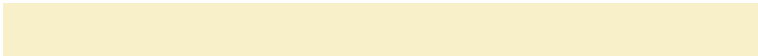


# Sweetspot

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



BFAC45



F7F0C8



BF4559



7D7860



FCFCFC



7D7D7D



# Same Dimension

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



BFAC45



F7DA39



96BF45



5E5D55



9E8500



1F1A00



# Inverse Universe

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



4558BF



3957F7



6E45BF



55565E



00199E



00051F



# Previews

## White Background



This preview shows how the Hex color BFAC45 looks on a white background.

## Color Contrast Check

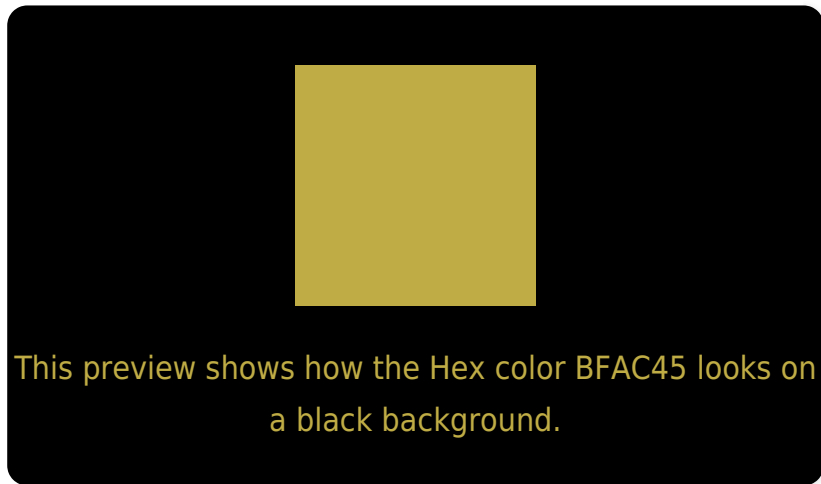
Large Text (above 18pt) WCAG AA × Fail

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 BFAC45 Background



This preview shows how black text looks on a background with the Hex color BFAC45.



This preview shows how white text looks on a background with the Hex color BFAC45.

# 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**  
BFAC45

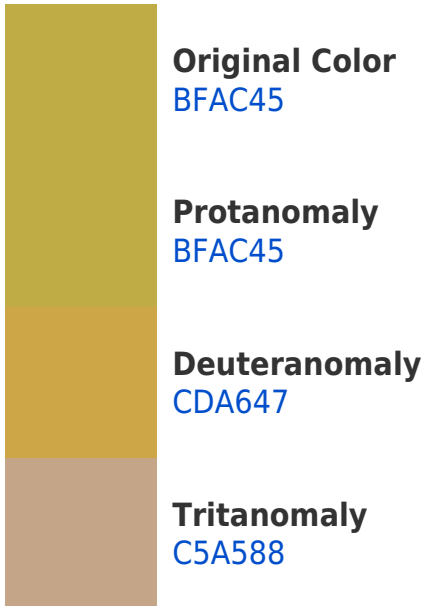
**Protanopia**  
BFAC45

**Deuteranopia**  
D5A348

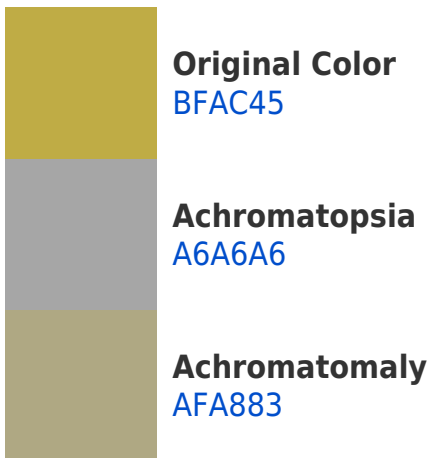


**Tritanopia**  
C8A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFAC45 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 #BFAC45 looks like.

```
.text, #text, p{  
    color:#BFAC45  
}
```

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 #BFAC45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFAC45
}
```

## Border

The CSS property to change the border of an element to Hex BFAC45 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
#BFAC45 }
```

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

```
.border{ border-color:#BFAC45 }
```

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

Here you see how a box with a 4 pixel #BFAC45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFAC45; -webkit-box-shadow:4px 4px  
4px 4px #BFAC45; box-shadow:4px 4px 4px  
4px #BFAC45 }
```

# Background

The CSS property to change the background color of an element to Hex BFAC45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFAC45 }
```

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

```
.background{ background-color:#BFAC45 }
```

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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