

# Converting Colors

Hex(BFA007)

Have a look what the booklet for  
Hex(BFA007) contains.

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**Color**

**Hex(BFA007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFA007
RGB	191, 160, 7
RGB Percent	75%, 63%, 3%
CMY	0.2510, 0.3725, 0.9725
CMYK	0.00, 0.16, 0.96, 0.25
HSL	50°, 93%, 39%
HSV	50°, 96%, 75%
XYZ	34.0950, 36.2333, 5.3977
YIQ	151.8270, 67.5890, -41.0110

# Conversions

## Conversions Part 2

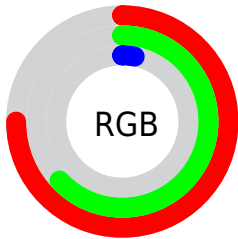
Format	Color
<a href="#">RYB</a>	<a href="#">44, 191, 7</a>
Decimal	<a href="#">12558343</a>
CIELab	<a href="#">66.70, -1.19, 69.11</a>
CIELCh	<a href="#">67, 69.122, 90.986</a>
Yxy	<a href="#">36.2333, 0.4502, 0.4785</a>
Android (android.graphics.Color)	<a href="#">4290748423</a> ( <a href="#">0xFFBFA007</a> )
YUV	<a href="#">151.8270, -71.3997, 34.3547</a>
Hunter-Lab	<a href="#">60.1941, -4.2341, 36.8192</a>

# Details

The Hex color **BFA007** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0726BF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FBD64E**, and **856D00** is the 20% darker color. If you saturate the color by 10%, you get **BF9F00**, and if you desaturate by 10%, it is **BFA31A**.

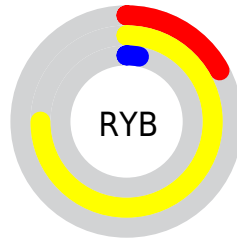
# Distribution



Red (75%)

Green (63%)

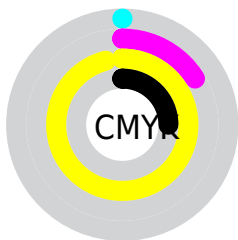
Blue (3%)



Red (17%)

Yellow (75%)

Blue (3%)

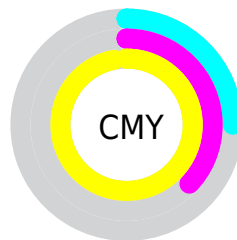


Cyan (0%)

Magenta (16%)

Yellow (96%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFA007 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 BFA007 by changing the saturation by 10% instead.





BFA007



BFA007

FFFFFF



A28600



FBD64E



856D00



FFF36A



695500



FFFF86



4D3E00



FFFFA2



332900



FFFFBE



1A1500



FFF9DB



000000



FFFFF8



BFA007



BFA007

 BF9F00

 BFA31A

 BFA62D

 BFAA40

 BFAD53

 BFB067

 BFB37A

 BFB78D

 BFBAA0

 BFBDB3

# Harmonies

## Analogous

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



EF8831



BFA007



81B12A

# Triad

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



BFA007



00BFE1



EE75E0

# Complementary

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



BFA007



0726BF

# 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.



A491FF



BFA007



00B8FF

# Square

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



BFA007



00BFA2



00A9FF



FF64A3

# Rectangle

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



BFA007



46B84F



00A9FF



DB7EF1

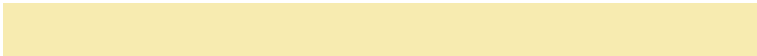


# Sweetspot

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



BFA007



F7EBB0



BF0729



7D7651



FCFCFC



7D7D7D



# Same Dimension

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



BFA007



F7CE00



85BF07



5E5D55



9E8300



1F1900



# Inverse Universe

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



0726BF



002AF7



4107BF



55575E



001B9E

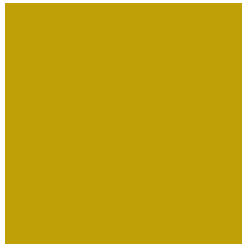


00051F



# Previews

## White Background



This preview shows how the Hex color BFA007 looks on a white background.

## Color Contrast Check

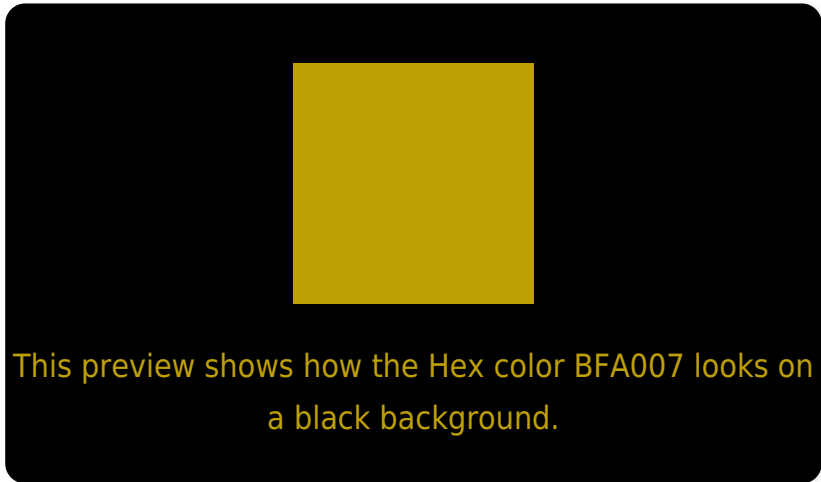
Large Text (above 18pt) WCAG AA × Fail

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 BFA007 Background



This preview shows how black text looks on a background with the Hex color BFA007.



This preview shows how white text looks on a background with the Hex color BFA007.

# 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**  
BFA007

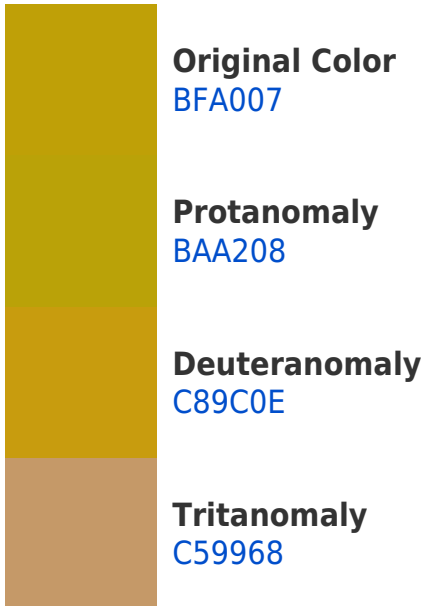
**Protanopia**  
B7A309

**Deuteranopia**  
CD9A12

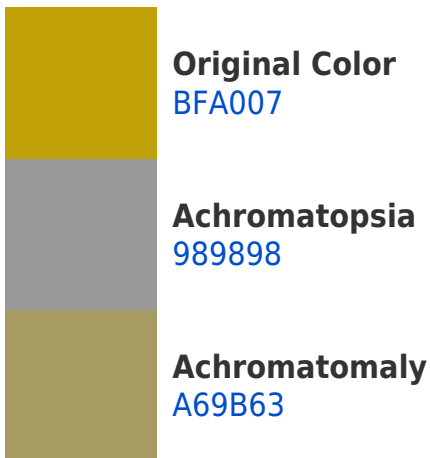


**Tritanopia**  
C895A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFA007 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 #BFA007 looks like.

```
.text, #text, p{  
    color:#BFA007  
}
```

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 #BFA007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFA007
}
```

## Border

The CSS property to change the border of an element to Hex BFA007 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
#BFA007 }
```

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

```
.border{ border-color:#BFA007 }
```

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

Here you see how a box with a 4 pixel #BFA007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFA007; -webkit-box-shadow:4px 4px  
4px 4px #BFA007; box-shadow:4px 4px 4px  
4px #BFA007 }
```

# Background

The CSS property to change the background color of an element to Hex BFA007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFA007 }
```

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

```
.background{ background-color:#BFA007 }
```

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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