

Converting Colors

Hex(BFAA23)

Have a look what the booklet for
Hex(BFAA23) contains.

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Color

Hex(BFAA23)

Conversions

Conversions Part 1

Format	Color
Hex	BFAA23
RGB	191, 170, 35
RGB Percent	75%, 67%, 14%
CMY	0.2510, 0.3333, 0.8627
CMYK	0.00, 0.11, 0.82, 0.25
HSL	52°, 69%, 44%
HSV	52°, 82%, 75%
XYZ	36.1640, 39.9472, 7.3946
YIQ	160.8890, 55.8510, -37.5330

Conversions

Conversions Part 2

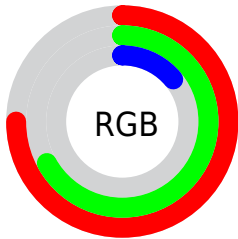
Format	Color
RYB	59, 191, 35
Decimal	12560931
CIELab	69.43, -5.93, 65.70
CIElCh	69, 65.965, 95.157
Yxy	39.9472, 0.4331, 0.4784
Android (android.graphics.Color)	4290751011 (0xFFBFAA23)
YUV	160.8890, -62.0633, 26.4073
Hunter-Lab	63.2038, -8.4724, 37.3059

Details

The Hex color **BFAA23** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2338BF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FBE15D**, and **857600** is the 20% darker color. If you saturate the color by 10%, you get **BFA710**, and if you desaturate by 10%, it is **BFAD36**.

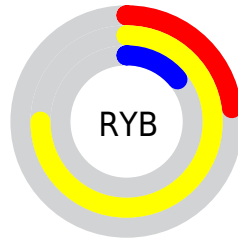
Distribution



Red (75%)

Green (67%)

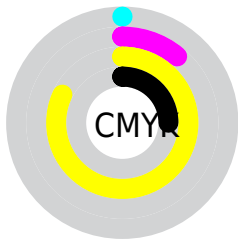
Blue (14%)



Red (23%)

Yellow (75%)

Blue (14%)

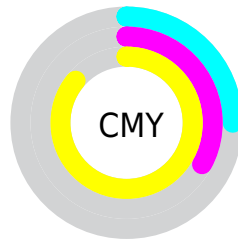


Cyan (0%)

Magenta (11%)

Yellow (82%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFAA23 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 BFAA23 by changing the saturation by 10% instead.

 BFAA23

 BFAA23

FFFFFF

 A29000

 FBE15D

 857600

 FFFD79

 6A5E00

 FFFF94

 4E4700

 FFFF80

 343100

 FFFFC0

 1B1C00

 FFFF90

 000000

 BFAA23

 BFAA23

 BFA710

 BFAD36

 BFA500

 BFAF49

 BFB25C

 BFB46F

 BFB782

 BFB996

 BFBCA9

 BFBFBC

 BFC1CF

Harmonies

Analogous

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



F09439



BFAA23



81BA40

Triad

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



BFAA23



00C5ED



FA7CDD

Complementary

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



BFAA23



2338BF

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.



B995FF



BFAA23



00BDFF

Square

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



BFAA23



00C6B2



28ADFF



FF70A2

Rectangle

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



BFAA23



45C062



28ADFF



E984EF

Sweetspot

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



BFAA23



F7EFBA



BF233A



7D7857



FCFCFC



7D7D7D

Same Dimension

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



BFAA23



F7D705



88BF23



5E5D55



9E8900



1F1A00

Inverse Universe

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



2338BF



0526F7



5A23BF



55565E



00159E



00041F

Previews

White Background



This preview shows how the Hex color BFAA23 looks on a white background.

Color Contrast Check

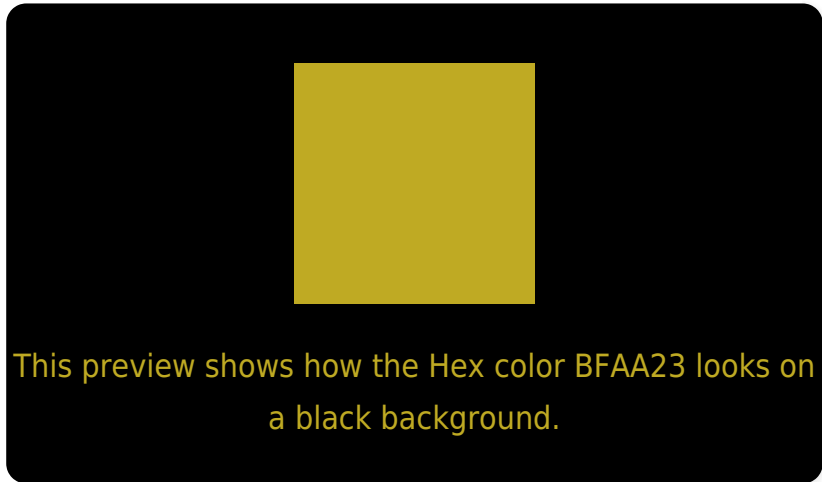
Large Text (above 18pt) WCAG AA × Fail

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 BFAA23 Background



This preview shows how black text looks on a background with the Hex color BFAA23.



This preview shows how white text looks on a background with the Hex color BFAA23.

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
BFAA23

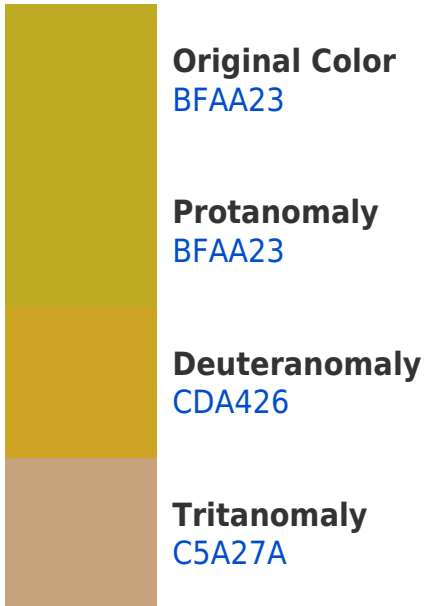
Protanopia
BFAA23

Deuteranopia
D5A128

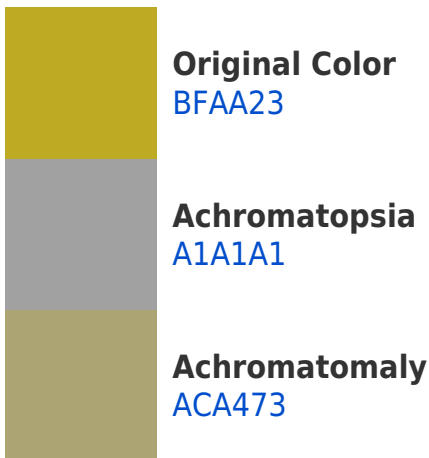


Tritanopia
C99EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFAA23 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 #BFAA23 looks like.

```
.text, #text, p{  
    color:#BFAA23  
}
```

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 #BFAA23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFAA23
}
```

Border

The CSS property to change the border of an element to Hex BFAA23 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
#BFAA23 }
```

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

```
.border{ border-color:#BFAA23 }
```

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

Here you see how a box with a 4 pixel #BFAA23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFAA23; -webkit-box-shadow:4px 4px  
4px 4px #BFAA23; box-shadow:4px 4px 4px  
4px #BFAA23 }
```

Background

The CSS property to change the background color of an element to Hex BFAA23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFAA23 }
```

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

```
.background{ background-color:#BFAA23 }
```

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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