

Converting Colors

Hex(B0AF53)

Have a look what the booklet for
Hex(B0AF53) contains.

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Color

Hex(B0AF53)

Conversions

Conversions Part 1

Format	Color
Hex	B0AF53
RGB	176, 175, 83
RGB Percent	69%, 69%, 33%
CMY	0.3098, 0.3137, 0.6745
CMYK	0.00, 0.01, 0.53, 0.31
HSL	59°, 37%, 51%
HSV	59°, 53%, 69%
XYZ	34.7958, 40.5146, 14.1698
YIQ	164.8110, 30.1280, -28.4000

Conversions

Conversions Part 2

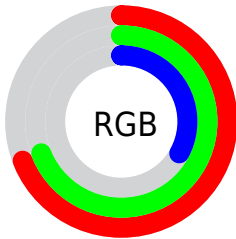
Format	Color
RYB	84, 176, 83
Decimal	11579219
CIELab	69.83, -12.29, 46.64
CIELCh	70, 48.231, 104.765
Yxy	40.5146, 0.3889, 0.4528
Android (android.graphics.Color)	4289769299 (0xFFB0AF53)
YUV	164.8110, -40.3328, 9.8128
Hunter-Lab	63.6511, -13.8097, 31.3568

Details

The Hex color **B0AF53** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5354B0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E9E687**, and **797B20** is the 20% darker color. If you saturate the color by 10%, you get **B0AF41**, and if you desaturate by 10%, it is **B0AF65**.

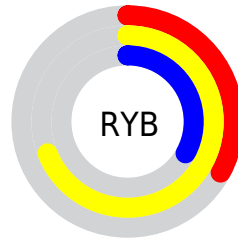
Distribution



Red (69%)

Green (69%)

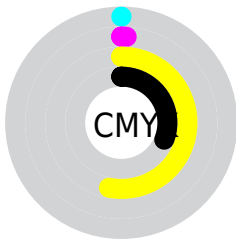
Blue (33%)



Red (33%)

Yellow (69%)

Blue (33%)

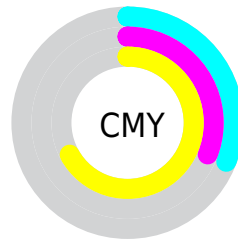


Cyan (0%)

Magenta (1%)

Yellow (53%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0AF53 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 B0AF53 by changing the saturation by 10% instead.

 B0AF53

 B0AF53

FFFFFF

 94943A

 E9E687

 797B20

 FFFFA2

 5F6200

 FFFFBE

 454A00

 FFFFDA

 2C3400

 FFFFF7

 141F00

 000000

 B0AF53

 B0AF53

 B0AF41

 B0AF65

 B0AF30

 B0AF76

 B0AE1E

 B0B088

 B0AE0D

 B0B099

 B0AE00

 B0B0AB

 B0B0BD

 B0B0CE

 B0B1E0

 B0B1F1

Harmonies

Analogous

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



D8A055



B0AF53



7FBA6A

Triad

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



B0AF53



00BEE7



F189C3

Complementary

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



B0AF53



5354B0

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.



CA97E9



B0AF53



05B6FF

Square

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



B0AF53



00C1C0



8AA8FF



FE8797

Rectangle

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



B0AF53



56BE84



8AA8FF



E78DD1

Sweetspot

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



B0AF53



E6E5C1



B05355



73735D



F2F2F2



737373

Same Dimension

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



B0AF53



E6E455



83B053



595950



999700



1A1900

Inverse Universe

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



5354B0



5556E6



8053B0



505059



000299



00001A

Previews

White Background



This preview shows how the Hex color B0AF53 looks on a white background.

Color Contrast Check

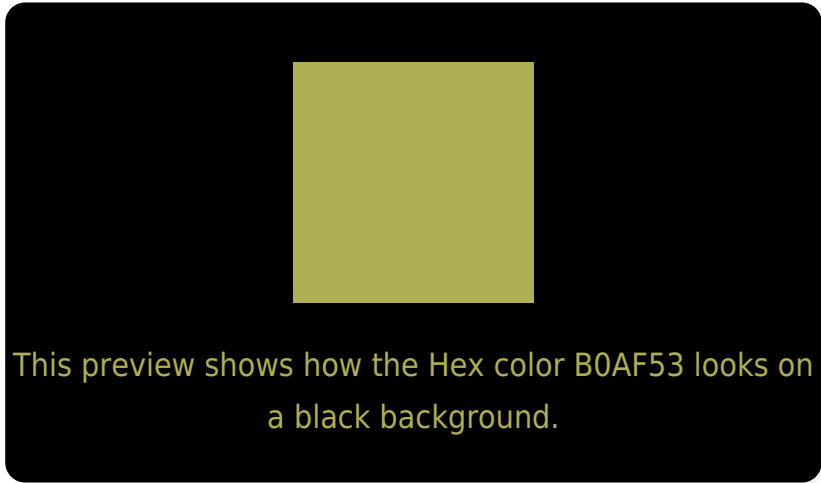
Large Text (above 18pt) WCAG AA × Fail

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

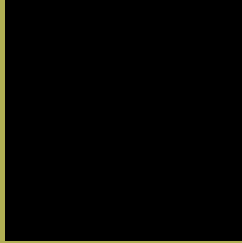
Any Text WCAG AA ✓ Pass

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 B0AF53 Background



This preview shows how black text looks on a background with the Hex color B0AF53.



This preview shows how white text looks on a background with the Hex color B0AF53.

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

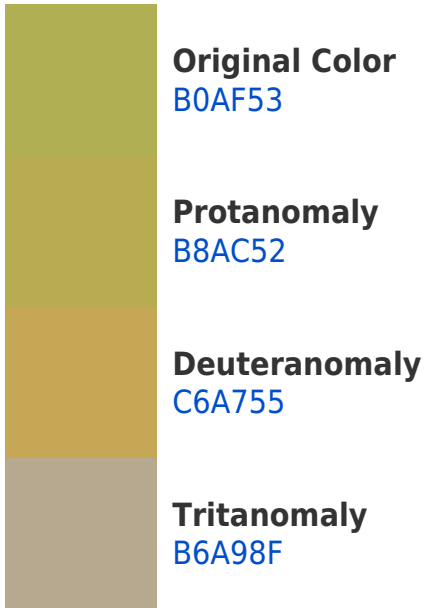


Original Color
B0AF53

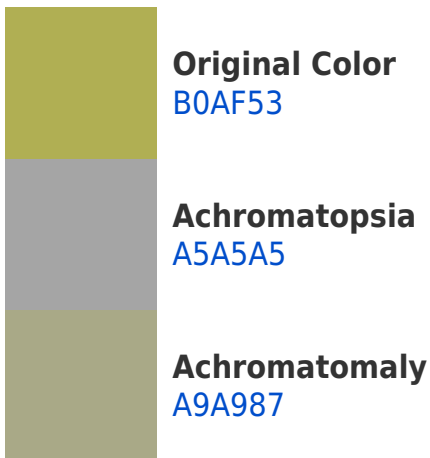
Protanopia
BDAB52

Deuteranopia
D2A256

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0AF53 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 #B0AF53 looks like.

```
.text, #text, p{  
    color:#B0AF53  
}
```

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 #B0AF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AF53
}
```

Border

The CSS property to change the border of an element to Hex B0AF53 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
#B0AF53 }
```

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

```
.border{ border-color:#B0AF53 }
```

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

Here you see how a box with a 4 pixel #B0AF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AF53; -webkit-box-shadow:4px 4px  
4px 4px #B0AF53; box-shadow:4px 4px 4px  
4px #B0AF53 }
```

Background

The CSS property to change the background color of an element to Hex B0AF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AF53 }
```

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

```
.background{ background-color:#B0AF53 }
```

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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