

# Converting Colors

Hex(B0A63C)

Have a look what the booklet for  
Hex(B0A63C) contains.

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# **Color**

**Hex(B0A63C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A63C
RGB	176, 166, 60
RGB Percent	69%, 65%, 24%
CMY	0.3098, 0.3490, 0.7647
CMYK	0.00, 0.06, 0.66, 0.31
HSL	55°, 49%, 46%
HSV	55°, 66%, 69%
XYZ	32.3563, 36.8288, 9.6783
YIQ	156.9060, 39.9860, -30.8460

# Conversions

## Conversions Part 2

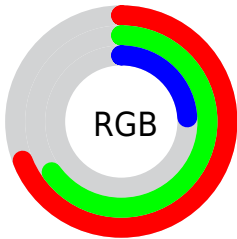
Format	Color
<a href="#">RYB</a>	<a href="#">71, 176, 60</a>
Decimal	<a href="#">11576892</a>
CIELab	<a href="#">67.15, -9.28, 54.10</a>
CIELCh	<a href="#">67, 54.892, 99.729</a>
Yxy	<a href="#">36.8288, 0.4103, 0.4670</a>
Android (android.graphics.Color)	<a href="#">4289766972 (0xFFB0A63C)</a>
YUV	<a href="#">156.9060, -47.7747, 16.7454</a>
Hunter-Lab	<a href="#">60.6867, -11.0310, 33.0252</a>

# Details

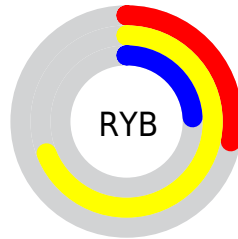
The Hex color **B0A63C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3C46B0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EADD71**, and **787200** is the 20% darker color. If you saturate the color by 10%, you get **B0A42A**, and if you desaturate by 10%, it is **B0A84E**.

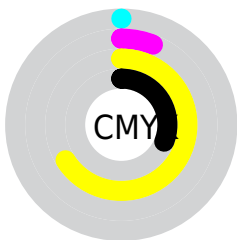
# Distribution



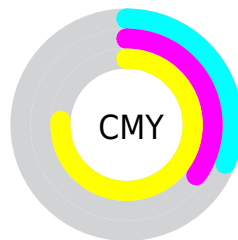
- Red (69%)
- Green (65%)
- Blue (24%)



- Red (28%)
- Yellow (69%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A63C 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 B0A63C by changing the saturation by 10% instead.





B0A63C



B0A63C

FFFFFF



948C20



EADD71



787200



FFF98B



5D5A00



FFFFA7



434300



FFFFC3



2A2D00



FFFFDF



0F1900

FFFFFD



000000



B0A63C



B0A63C



B0A42A



B0A84E

 B0A319

 B0A95F

 B0A107

 B0AB71

 B0A100

 B0AC82

 B0AE94

 B0AFA6

 B0B1B7

 B0B2C9

 B0B4DA

# Harmonies

## Analogous

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



DB9545



B0A63C



7BB254

# Triad

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



B0A63C



00BAE1



EC7EC7

# Complementary

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



B0A63C



3C46B0

# 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.



BC90F0



B0A63C



00B2FF

# Square

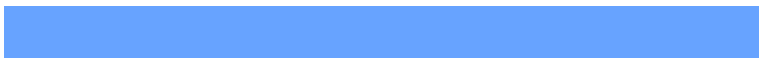
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B0A63C



00BCB3



67A3FF



FF7895

# Rectangle

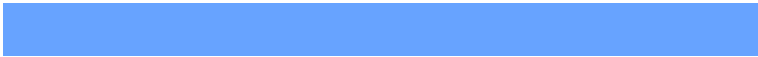
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0A63C



4BB86F



67A3FF



DF83D6



# Sweetspot

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



B0A63C



E6E2B8



B03C48



737057



F2F2F2



737373



# Same Dimension

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



B0A63C



E6D630



82B03C



595850



998C00



1A1700



# Inverse Universe

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



3C46B0



3040E6



6A3CB0



505159



000D99



00021A



# Previews

## White Background



This preview shows how the Hex color B0A63C looks on a white background.

## Color Contrast Check

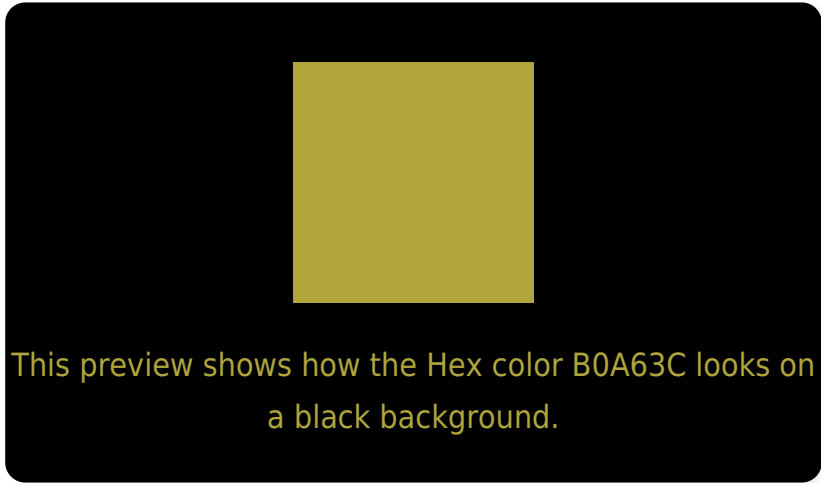
Large Text (above 18pt) WCAG AA × Fail

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 B0A63C Background



This preview shows how black text looks on a background with the Hex color B0A63C.



This preview shows how white text looks on a background with the Hex color B0A63C.

# 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**  
B0A63C

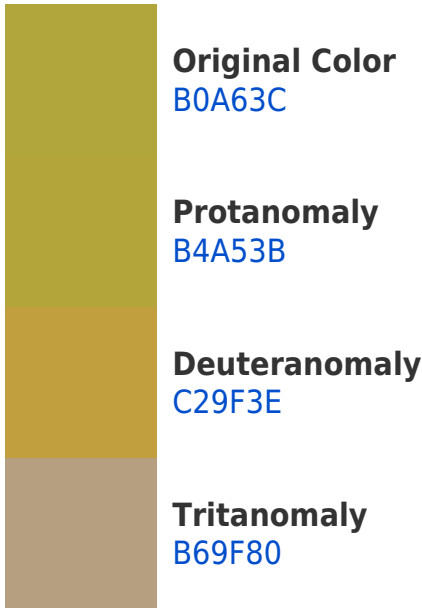
**Protanopia**  
B7A43B

**Deuteranopia**  
CC9B3F

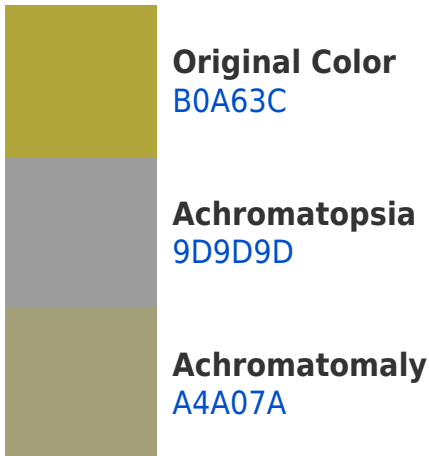


**Tritanopia**  
B99BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A63C 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 #B0A63C looks like.

```
.text, #text, p{  
    color:#B0A63C  
}
```

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 #B0A63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A63C  
}
```

## Border

The CSS property to change the border of an element to Hex B0A63C 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  
#B0A63C }
```

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

```
.border{ border-color:#B0A63C }
```

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

Here you see how a box with a 4 pixel #B0A63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A63C; -webkit-box-shadow:4px 4px  
4px 4px #B0A63C; box-shadow:4px 4px 4px  
4px #B0A63C }
```

# Background

The CSS property to change the background color of an element to Hex B0A63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A63C }
```

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

```
.background{ background-color:#B0A63C }
```

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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