

# Converting Colors

Hex(B0A356)

Have a look what the booklet for  
Hex(B0A356) contains.

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**Color**

**Hex(B0A356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A356
RGB	176, 163, 86
RGB Percent	69%, 64%, 34%
CMY	0.3098, 0.3608, 0.6627
CMYK	0.00, 0.07, 0.51, 0.31
HSL	51°, 36%, 51%
HSV	51°, 51%, 69%
XYZ	32.6814, 36.0964, 14.0489
YIQ	158.1090, 32.4650, -21.1910

# Conversions

## Conversions Part 2

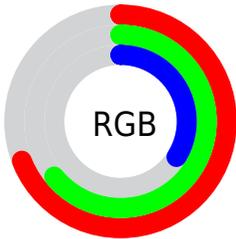
Format	Color
<a href="#">RYB</a>	<a href="#">101, 176, 86</a>
Decimal	<a href="#">11576150</a>
CIELab	<a href="#">66.59, -5.72, 41.34</a>
CIElCh	<a href="#">67, 41.734, 97.877</a>
Yxy	<a href="#">36.0964, 0.3946, 0.4358</a>
Android (android.graphics.Color)	<a href="#">4289766230 (0xFFB0A356)</a>
YUV	<a href="#">158.1090, -35.5497, 15.6904</a>
Hunter-Lab	<a href="#">60.0803, -8.0432, 28.1921</a>

# Details

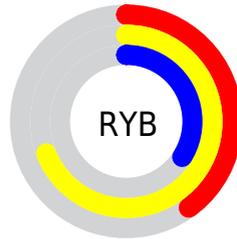
The Hex color **B0A356** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5663B0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E9DA8A**, and **797025** is the 20% darker color. If you saturate the color by 10%, you get **B0A044**, and if you desaturate by 10%, it is **B0A668**.

# Distribution



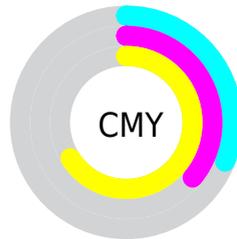
- Red (69%)
- Green (64%)
- Blue (34%)



- Red (40%)
- Yellow (69%)
- Blue (34%)



- Cyan (0%)
- Magenta (7%)
- Yellow (51%)
- Black (31%)



- Cyan (31%)
- Magenta (36%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A356 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 B0A356 by changing the saturation by 10% instead.

 B0A356

 B0A356

FFFFFF

 94893D

 E9DA8A

 797025

 FFF6A4

 5F5709

 FFFFC0

 464000

 FFFFDC

 2D2A00

 FFFFF9

 131700

 000000

 B0A356

 B0A356

 B0A044

 B0A668

 B09E33

 B0A879

 B09B21

 B0AB8B

 B09910

 B0AD9C

 B09700

 B0B0AE

 B0B2C0

 B0B5D1

 B0B7E3

 B0BAF4

# Harmonies

## Analogous

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



D1965D



B0A356



88AD65

# Triad

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



B0A356



00B4CF



D988BF

# Complementary

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



B0A356



5663B0

# 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.



B394DD



B0A356



1EAE7

# Square

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



B0A356



00B6AB



79A2EC



E98499

# Rectangle

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



B0A356



68B279



79A2EC



CE8CCA

# Sweetspot

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



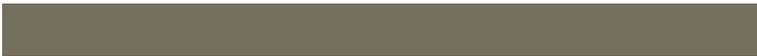
B0A356



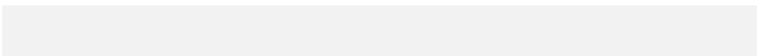
E6E1C3



B05664



73705E



F2F2F2



737373



# Same Dimension

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



B0A356



E6D15A



91B056



595850



998300



1A1600



# Inverse Universe

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



5663B0



5A6EE6



7556B0



505259



001699

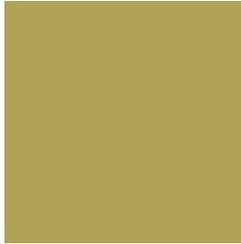


00041A



# Previews

## White Background



This preview shows how the Hex color B0A356 looks on a white background.

## Color Contrast Check

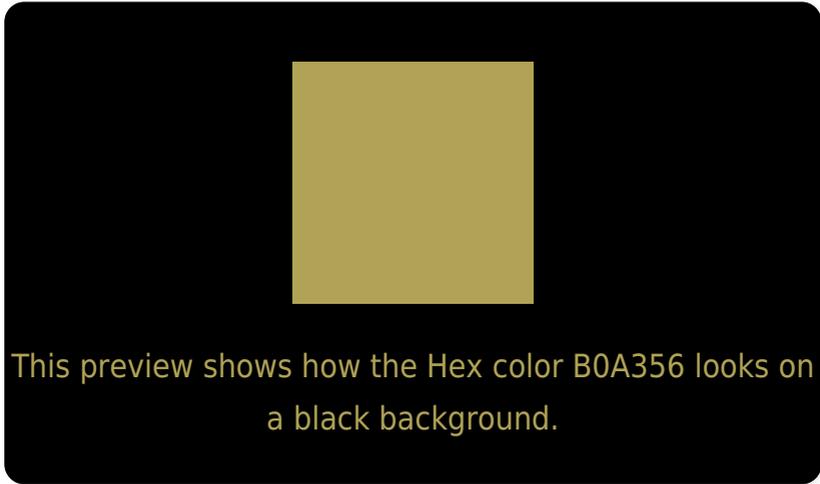
Large Text (above 18pt) WCAG AA × Fail

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

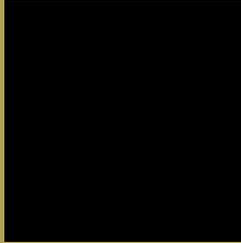
Any Text WCAG AA ✓ Pass

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 B0A356 Background



This preview shows how black text looks on a background with the Hex color B0A356.



This preview shows how white text looks on a background with the Hex color B0A356.

# 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**  
B0A356

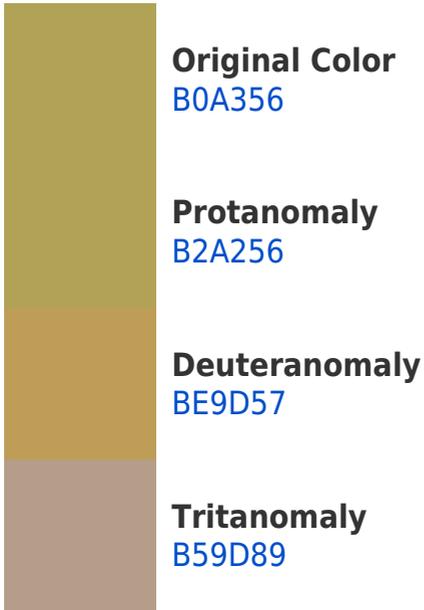
**Protanopia**  
B3A256

**Deuteranopia**  
C69A58



**Tritanopia**  
B89AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A356 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 #B0A356 looks like.

```
.text, #text, p{  
    color:#B0A356  
}
```

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 #B0A356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A356
}
```

## Border

The CSS property to change the border of an element to Hex B0A356 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
#B0A356 }
```

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

```
.border{ border-color:#B0A356 }
```

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

Here you see how a box with a 4 pixel #B0A356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A356; -webkit-box-shadow:4px 4px  
4px 4px #B0A356; box-shadow:4px 4px 4px  
4px #B0A356 }
```

# Background

The CSS property to change the background color of an element to Hex B0A356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A356 }
```

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

```
.background{ background-color:#B0A356 }
```

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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