

Converting Colors

Hex(B0A436)

Have a look what the booklet for
Hex(B0A436) contains.

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Color

Hex(B0A436)

Conversions

Conversions Part 1

Format	Color
Hex	B0A436
RGB	176, 164, 54
RGB Percent	69%, 64%, 21%
CMY	0.3098, 0.3569, 0.7882
CMYK	0.00, 0.07, 0.69, 0.31
HSL	54°, 53%, 45%
HSV	54°, 69%, 69%
XYZ	31.8458, 36.0474, 8.7694
YIQ	155.0480, 42.4620, -31.6660

Conversions

Conversions Part 2

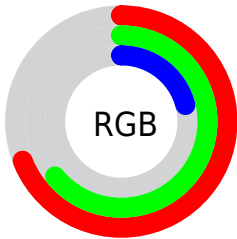
Format	Color
RYB	67, 176, 54
Decimal	11576374
CIELab	66.56, -8.57, 55.97
CIELCh	67, 56.620, 98.705
Yxy	36.0474, 0.4154, 0.4702
Android (android.graphics.Color)	4289766454 (0xFFB0A436)
YUV	155.0480, -49.8167, 18.3749
Hunter-Lab	60.0395, -10.3900, 33.3677

Details

The Hex color **B0A436** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3642B0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EADB6B**, and **787100** is the 20% darker color. If you saturate the color by 10%, you get **B0A224**, and if you desaturate by 10%, it is **B0A648**.

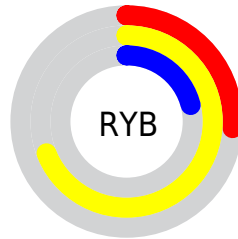
Distribution



Red (69%)

Green (64%)

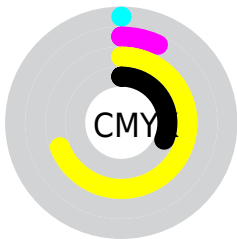
Blue (21%)



Red (26%)

Yellow (69%)

Blue (21%)

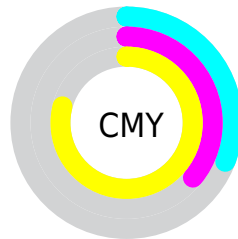


Cyan (0%)

Magenta (7%)

Yellow (69%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0A436 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 B0A436 by changing the saturation by 10% instead.

 B0A436

 B0A436

FFFFFF

 948A19

 EADB6B

 787100

 FFF786

 5D5800

 FFFFA1

 434100

 FFFFBD

 292B00

 FFFFDA

 0E1800

 FFFFF7

 000000

 B0A436

 B0A436

 B0A224

 B0A648

 B0A113

 B0A759

 B09F01

 B0A96B

 B09F00

 B0AB7C

 B0AD8E

 B0AEA0

 B0B0B1

 B0B2C3

 B0B4D4

Harmonies

Analogous

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



DB9241



B0A436



79B14E

Triad

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



B0A436



00B9E0



EB7BC8

Complementary

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



B0A436



3642B0

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.



B88EF2



B0A436



00B1FF

Square

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



B0A436



00BBB0



5DA2FF



FF7495

Rectangle

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



B0A436



48B66B



5DA2FF



DE81D8

Sweetspot

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



B0A436



E6E1B5



B03642



737056



F2F2F2



737373

Same Dimension

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



B0A436



E6D327



7FB036



595850



998A00



1A1700

Inverse Universe

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



3642B0



273AE6



6736B0



505159



000F99



00031A

Previews

White Background



This preview shows how the Hex color B0A436 looks on a white background.

Color Contrast Check

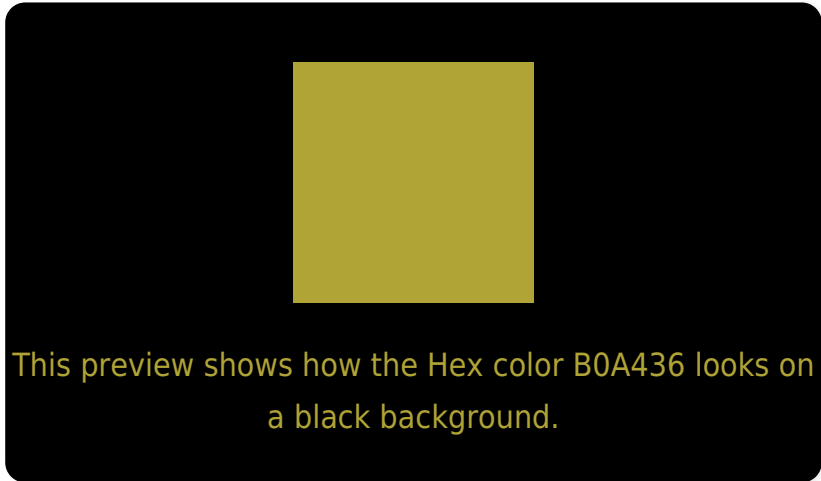
Large Text (above 18pt) WCAG AA × Fail

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 B0A436 Background



This preview shows how black text looks on a background with the Hex color B0A436.



This preview shows how white text looks on a background with the Hex color B0A436.

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
B0A436

Protanopia
B5A236

Deuteranopia
CA9A3A



Tritanopia
B999A5

Trichromacy



Original Color
B0A436

Protanomaly
B3A336

Deuteranomaly
C19E39

Tritanomaly
B69D7D

Monochromacy



Original Color
B0A436

Achromatopsia
9B9B9B

Achromatomaly
A39E76

CSS Examples

Text

The CSS property to change the color of the text to Hex B0A436 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 #B0A436 looks like.

```
.text, #text, p{  
    color:#B0A436  
}
```

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 #B0A436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A436
}
```

Border

The CSS property to change the border of an element to Hex B0A436 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
#B0A436 }
```

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

```
.border{ border-color:#B0A436 }
```

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

Here you see how a box with a 4 pixel #B0A436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A436; -webkit-box-shadow:4px 4px  
4px 4px #B0A436; box-shadow:4px 4px 4px  
4px #B0A436 }
```

Background

The CSS property to change the background color of an element to Hex B0A436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A436 }
```

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

```
.background{ background-color:#B0A436 }
```

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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