

Converting Colors

Hex(B0C364)

Have a look what the booklet for
Hex(B0C364) contains.

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Color

Hex(B0C364)

Conversions

Conversions Part 1

Format	Color
Hex	B0C364
RGB	176, 195, 100
RGB Percent	69%, 76%, 39%
CMY	0.3098, 0.2353, 0.6078
CMYK	0.10, 0.00, 0.49, 0.24
HSL	72°, 44%, 58%
HSV	72°, 49%, 76%
XYZ	39.7199, 49.1804, 19.4559
YIQ	178.4890, 19.1710, -33.5730

Conversions

Conversions Part 2

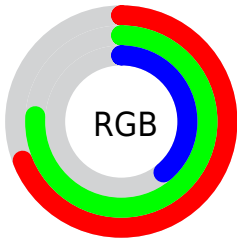
Format	Color
RYB	100, 195, 119
Decimal	11584356
CIELab	75.56, -20.85, 45.22
CIELCh	76, 49.795, 114.756
Yxy	49.1804, 0.3666, 0.4539
Android (android.graphics.Color)	4289774436 (0xFFB0C364)
YUV	178.4890, -38.6951, -2.1829
Hunter-Lab	70.1288, -21.6256, 32.6412

Details

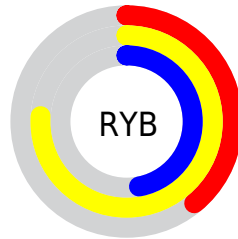
The Hex color **B0C364** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7764C3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E9FC99**, and **798D31** is the 20% darker color. If you saturate the color by 10%, you get **ACC350**, and if you desaturate by 10%, it is **B4C378**.

Distribution



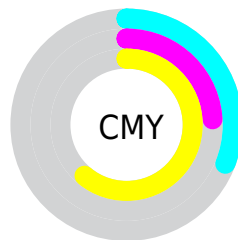
- Red (69%)
- Green (76%)
- Blue (39%)



- Red (39%)
- Yellow (76%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (49%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C364 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 B0C364 by changing the saturation by 10% instead.

 B0C364

 B0C364

FFFFFF

 94A84A

 E9FC99

 798D31

 FFFFB4


 5F7416

 FFFF00

 465B00

 FFFFED

 2E4400

 132D00

 001B00

 000000

 B0C364

 B0C364

 ACC350

 B4C378

 A8C33D

 B8C38B

 A4C32A

 BCC39E

 A0C316

 C0C3B2

 9CC303

 C3C3C5

 9CC300

 C7C3D9

 CBC3ED

 CFC3FF

 D3C3FF

Harmonies

Analogous

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



DDB55D



B0C364



79CD83

Triad

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



B0C364



00CCFF



FF95C4

Complementary

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



B0C364



7764C3

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.



ECA0F0



B0C364



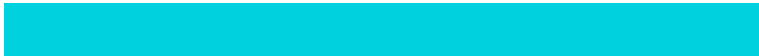
5AC1FF

Square

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



B0C364



00D1DF



B2B1FF



FF9796

Rectangle

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



B0C364



48D0A0



B2B1FF



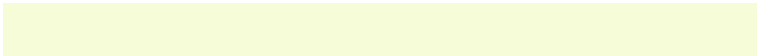
FF97D4

Sweetspot

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



B0C364



F5FCD7



C37764



7B8069



000000



808080

Same Dimension

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



B0C364



DFFC6A



81C364



5F6157



81A100



1B2100

Inverse Universe

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



7764C3



876AFC



A764C3



595761



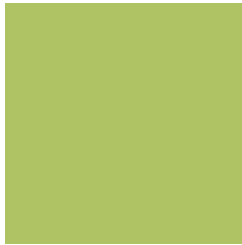
2000A1



070021

Previews

White Background



This preview shows how the Hex color B0C364 looks on a white background.

Color Contrast Check

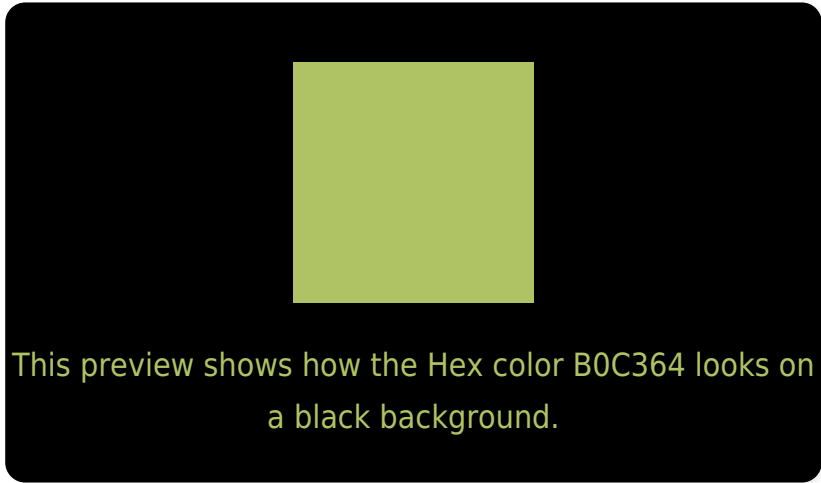
Large Text (above 18pt) WCAG AA × Fail

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 B0C364 Background



This preview shows how black text looks on a background with the Hex color B0C364.

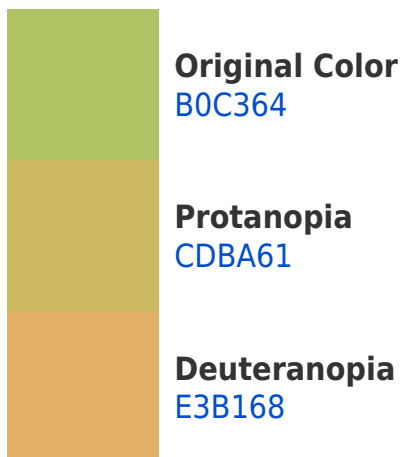


This preview shows how white text looks on a background with the Hex color B0C364.

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](#).

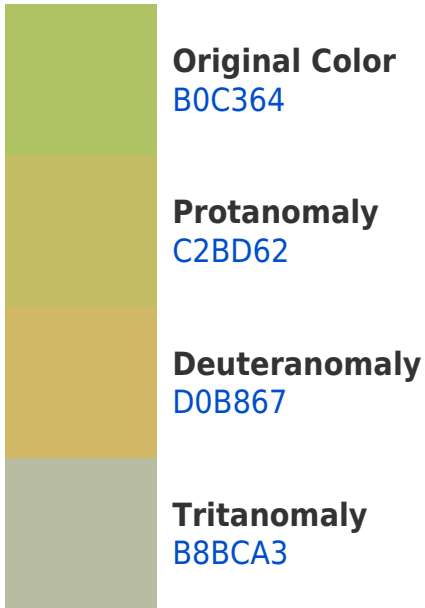
Dichromacy



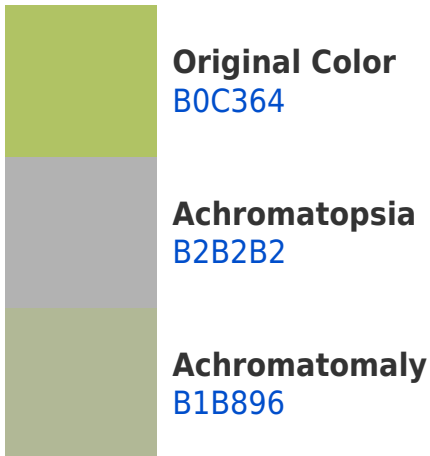


Tritanopia
BCB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C364 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 #B0C364 looks like.

```
.text, #text, p{  
    color:#B0C364  
}
```

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 #B0C364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C364
}
```

Border

The CSS property to change the border of an element to Hex B0C364 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
#B0C364 }
```

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

```
.border{ border-color:#B0C364 }
```

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

Here you see how a box with a 4 pixel #B0C364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C364; -webkit-box-shadow:4px 4px  
4px 4px #B0C364; box-shadow:4px 4px 4px  
4px #B0C364 }
```

Background

The CSS property to change the background color of an element to Hex B0C364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C364 }
```

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

```
.background{ background-color:#B0C364 }
```

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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