

Converting Colors

Hex(B3C265)

Have a look what the booklet for
Hex(B3C265) contains.

Hex(B3C265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3C265)

Conversions

Conversions Part 1

Format	Color
Hex	B3C265
RGB	179, 194, 101
RGB Percent	70%, 76%, 40%
CMY	0.2980, 0.2392, 0.6039
CMYK	0.08, 0.00, 0.48, 0.24
HSL	70°, 43%, 58%
HSV	70°, 48%, 76%
XYZ	40.2312, 49.1069, 19.6701
YIQ	178.9130, 20.9130, -32.1030

Conversions

Conversions Part 2

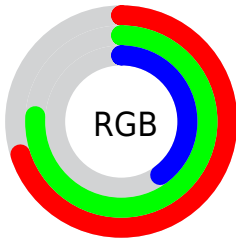
Format	Color
RYB	101, 194, 116
Decimal	11780709
CIELab	75.52, -19.06, 44.73
CIELCh	76, 48.619, 113.078
Yxy	49.1069, 0.3691, 0.4505
Android (android.graphics.Color)	4289970789 (0xFFB3C265)
YUV	178.9130, -38.4111, 0.0763
Hunter-Lab	70.0763, -20.1557, 32.4110

Details

The Hex color **B3C265** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7465C2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **ECFA9A**, and **7C8C32** is the 20% darker color. If you saturate the color by 10%, you get **B0C252**, and if you desaturate by 10%, it is **B6C278**.

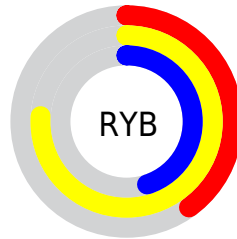
Distribution



Red (70%)

Green (76%)

Blue (40%)



Red (40%)

Yellow (76%)

Blue (45%)

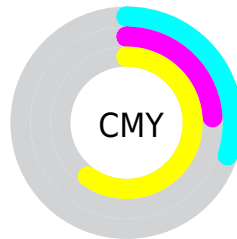


Cyan (8%)

Magenta (0%)

Yellow (48%)

Black (24%)



Cyan (30%)

Magenta (24%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3C265 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 B3C265 by changing the saturation by 10% instead.



B3C265



B3C265

FFFFFF



97A74B



ECFA9A



7C8C32



FFFFB5



627318



FFFFD1



485A00



FFFEE



314300



172D00



001A00



000000



B3C265



B3C265

 B0C252

 B6C278

 ADC23E

 B9C28C

 AAC22B

 BCC29F

 A6C217

 C0C2B3

 A3C204

 C3C2C6

 A3C200

 C6C2D9

 C9C2ED

 CCC2FF

 CFC2FF

Harmonies

Analogous

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



DFB460



B3C265



7ECC82

Triad

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



B3C265



00CCFF



FF96C6

Complementary

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



B3C265



7465C2

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.



E8A1F0



B3C265



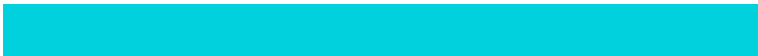
58C2FF

Square

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



B3C265



00D1DC



AEB2FF



FF9899

Rectangle

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



B3C265



51D09E



AEB2FF



FF99D5

Sweetspot

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



B3C265



F7FCD9



C27365



7C806A



000000



808080

Same Dimension

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



B3C265



E5FC6A



86C265



5F6157



87A100



1C2100

Inverse Universe

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



7465C2



826AFC



A165C2



595761



1A00A1



050021

Previews

White Background



This preview shows how the Hex color B3C265 looks on a white background.

Color Contrast Check

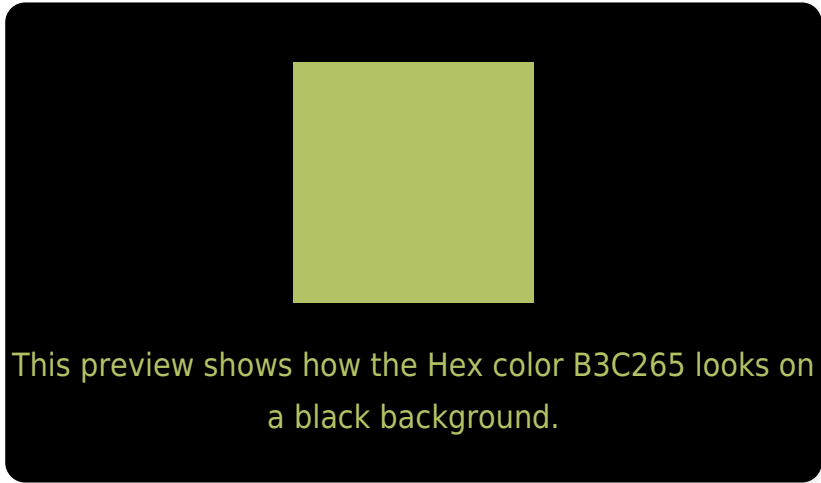
Large Text (above 18pt) WCAG AA × Fail

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

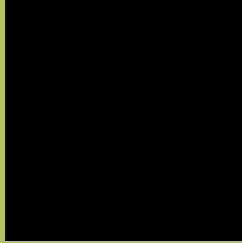
Any Text WCAG AA ✓ Pass

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 B3C265 Background



This preview shows how black text looks on a background with the Hex color B3C265.

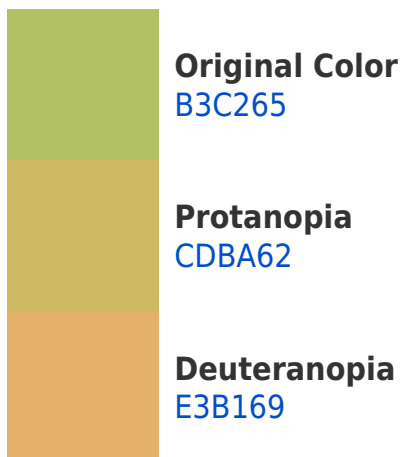


This preview shows how white text looks on a background with the Hex color B3C265.

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](#).

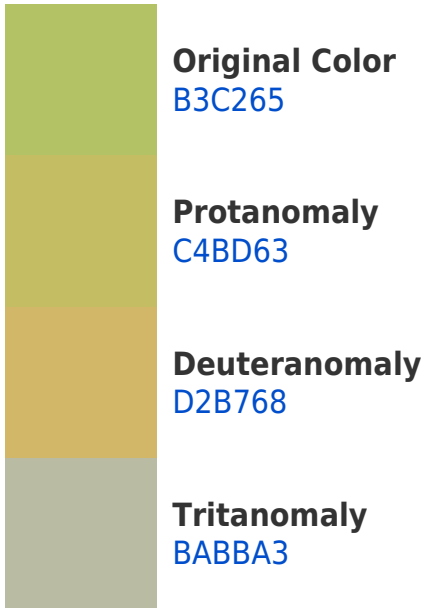
Dichromacy





Tritanopia
BEB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3C265 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 #B3C265 looks like.

```
.text, #text, p{  
    color:#B3C265  
}
```

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 #B3C265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C265
}
```

Border

The CSS property to change the border of an element to Hex B3C265 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
#B3C265 }
```

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

```
.border{ border-color:#B3C265 }
```

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

Here you see how a box with a 4 pixel #B3C265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C265; -webkit-box-shadow:4px 4px  
4px 4px #B3C265; box-shadow:4px 4px 4px  
4px #B3C265 }
```

Background

The CSS property to change the background color of an element to Hex B3C265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C265 }
```

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

```
.background{ background-color:#B3C265 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor