

Converting Colors

Hex(B5B35C)

Have a look what the booklet for
Hex(B5B35C) contains.

Hex(B5B35C)	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(B5B35C)

Conversions

Conversions Part 1

Format	Color
Hex	B5B35C
RGB	181, 179, 92
RGB Percent	71%, 70%, 36%
CMY	0.2902, 0.2980, 0.6392
CMYK	0.00, 0.01, 0.49, 0.29
HSL	59°, 38%, 54%
HSV	59°, 49%, 71%
XYZ	37.1079, 42.8367, 16.4377
YIQ	169.6800, 29.1190, -26.6330

Conversions

Conversions Part 2

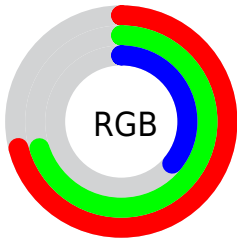
Format	Color
RYB	94, 181, 92
Decimal	11907932
CIELab	71.44, -11.48, 44.27
CIELCh	71, 45.735, 104.533
Yxy	42.8367, 0.3850, 0.4444
Android (android.graphics.Color)	4290098012 (0xFFB5B35C)
YUV	169.6800, -38.2962, 9.9276
Hunter-Lab	65.4497, -13.3332, 30.9241

Details

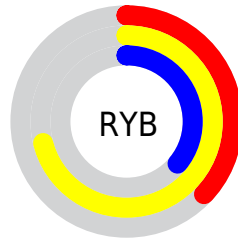
The Hex color **B5B35C** is a light color, and the websafe version is hex **CCCC66**, and the color name is **olive green**. A complement of this color would be **5C5EB5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EEEE90**, and **7E7E2A** is the 20% darker color. If you saturate the color by 10%, you get **B5B34A**, and if you desaturate by 10%, it is **B5B36E**.

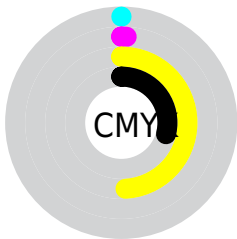
Distribution



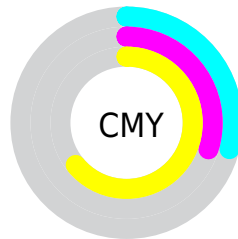
- Red (71%)
- Green (70%)
- Blue (36%)



- Red (37%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (1%)
- Yellow (49%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B35C 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 B5B35C by changing the saturation by 10% instead.

 B5B35C

 B5B35C

FFFFFF

 999843

 EEEB90

 7E7E2A

 FFFFAB

 64660E

 FFFFC7

 4A4E00

 FFFF E4

 323700

 192200

 000A00

 000000

 B5B35C

 B5B35C

 B5B34A

 B5B36E

 B5B238

 B5B480

 B5B226

 B5B492

 B5B114

 B5B5A4

 B5B101

 B5B5B7

 B5B100

 B5B5C9

 B5B6DB

 B5B6ED

 B5B7FF

Harmonies

Analogous

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



DBA55E



B5B35C



86BD72

Triad

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



B5B35C



00C2E8



F290C6

Complementary

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



B5B35C



5C5EB5

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.



CD9CEB



B5B35C



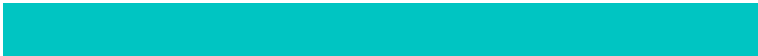
34B9FF

Square

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



B5B35C



00C5C2



91ACFF



FF8D9C

Rectangle

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



B5B35C



61C28A



91ACFF



E893D4

Sweetspot

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



B5B35C



EBEAC7



B55C5F



757560



F5F5F5



757575

Same Dimension

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



B5B35C



EBE760



8BB55C



595950



999600



1A1900

Inverse Universe

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



5C5EB5



6063EB



865CB5



505159



000399



00011A

Previews

White Background



This preview shows how the Hex color B5B35C looks on a white background.

Color Contrast Check

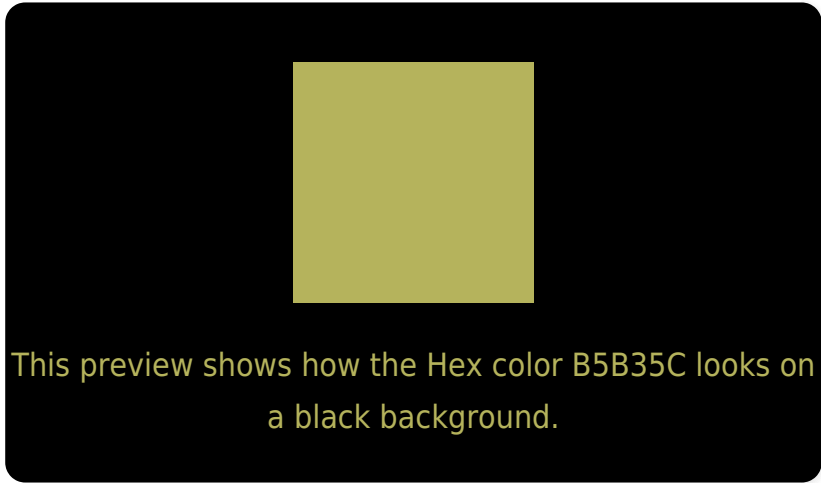
Large Text (above 18pt) WCAG AA × Fail

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

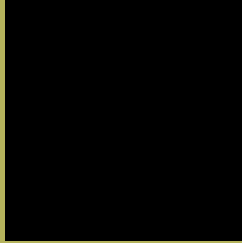
Any Text WCAG AA ✓ Pass

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 B5B35C Background



This preview shows how black text looks on a background with the Hex color B5B35C.

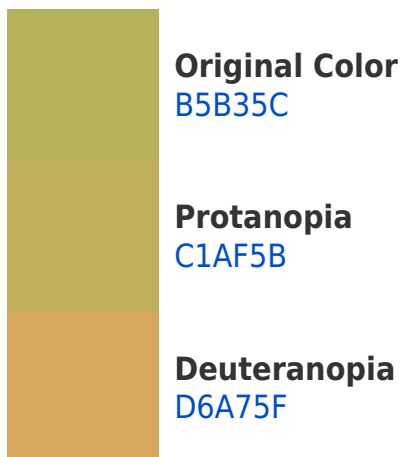


This preview shows how white text looks on a background with the Hex color B5B35C.

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](#).

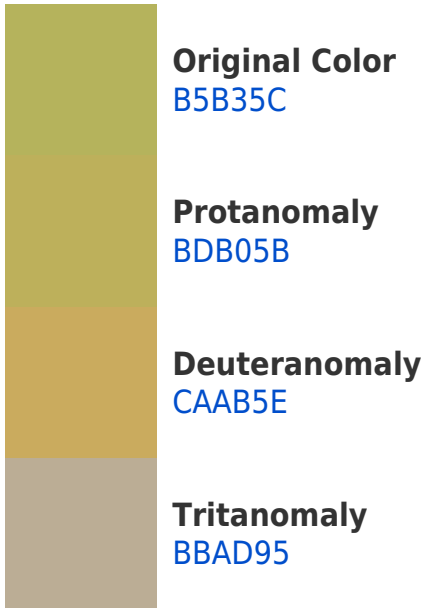
Dichromacy



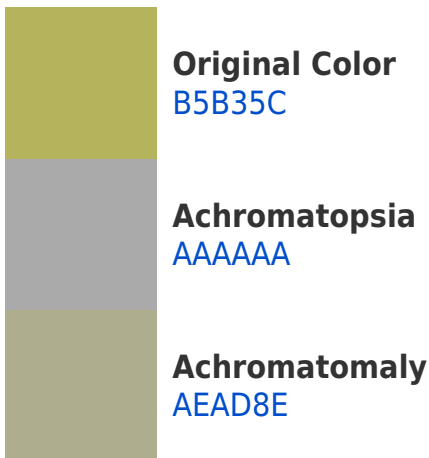


Tritanopia
BEA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5B35C 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 #B5B35C looks like.

```
.text, #text, p{  
    color:#B5B35C  
}
```

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 #B5B35C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B35C
}
```

Border

The CSS property to change the border of an element to Hex B5B35C 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
#B5B35C }
```

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

```
.border{ border-color:#B5B35C }
```

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

Here you see how a box with a 4 pixel #B5B35C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B35C; -webkit-box-shadow:4px 4px  
4px 4px #B5B35C; box-shadow:4px 4px 4px  
4px #B5B35C }
```

Background

The CSS property to change the background color of an element to Hex B5B35C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B35C }
```

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

```
.background{ background-color:#B5B35C }
```

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