

Converting Colors

Hex(C3B62B)

Have a look what the booklet for
Hex(C3B62B) contains.

Hex(C3B62B)	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(C3B62B)

Conversions

Conversions Part 1

Format	Color
Hex	C3B62B
RGB	195, 182, 43
RGB Percent	76%, 71%, 17%
CMY	0.2353, 0.2863, 0.8314
CMYK	0.00, 0.07, 0.78, 0.24
HSL	55°, 64%, 47%
HSV	55°, 78%, 76%
XYZ	39.6697, 45.2324, 8.9254
YIQ	170.0410, 52.3670, -40.4730

Conversions

Conversions Part 2

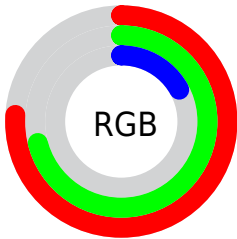
Format	Color
RYB	57, 195, 43
Decimal	12826155
CIELab	73.04, -10.15, 66.65
CIELCh	73, 67.414, 98.662
Yxy	45.2324, 0.4228, 0.4821
Android (android.graphics.Color)	4291016235 (0xFFC3B62B)
YUV	170.0410, -62.6312, 21.8890
Hunter-Lab	67.2550, -12.4100, 39.2102

Details

The Hex color **C3B62B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **2B38C3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFEE65**, and **898200** is the 20% darker color. If you saturate the color by 10%, you get **C3B418**, and if you desaturate by 10%, it is **C3B83F**.

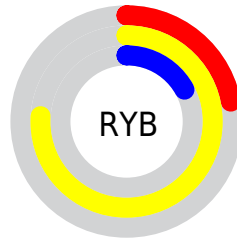
Distribution



Red (76%)

Green (71%)

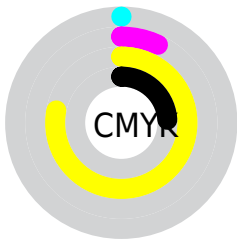
Blue (17%)



Red (22%)

Yellow (76%)

Blue (17%)

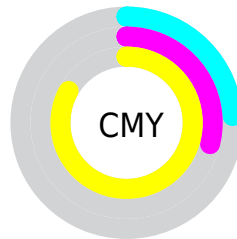


Cyan (0%)

Magenta (7%)

Yellow (78%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3B62B 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 C3B62B by changing the saturation by 10% instead.

 C3B62B

 C3B62B

FFFFFF

 A69B00

 FFEE65

 898200

 FFFF80

 6D6900

 FFFF9C

 525100

 FFFFB8

 373A00

 FFFFD5

 1F2500

 FFFFF2

 001100

 000000

 C3B62B

 C3B62B

 C3B418

 C3B83F

 C3B304

 C3B952

 C3B200

 C3BB66

 C3BD79

 C3BE8D

 C3C0A0

 C3C2B4

 C3C3C7

 C3C5DB

Harmonies

Analogous

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



F7A03B



C3B62B



81C54C

Triad

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



C3B62B



00CFFF



FF82E2

Complementary

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



C3B62B



2B38C3

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.



CE9BFF



C3B62B



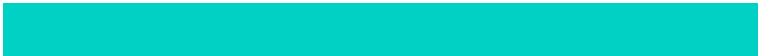
00C6FF

Square

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



C3B62B



00D1C4



53B4FF



FF79A4

Rectangle

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



C3B62B



3DCC70



53B4FF



FB8AF5

Sweetspot

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



C3B62B



FCF7C2



C32B3A



807C5C



000000



808080

Same Dimension

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



C3B62B



FCE80F



86C32B



616057



A19300



211E00

Inverse Universe

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



2B38C3



0F23FC



682BC3



575861



000EA1



000321

Previews

White Background



This preview shows how the Hex color C3B62B looks on a white background.

Color Contrast Check

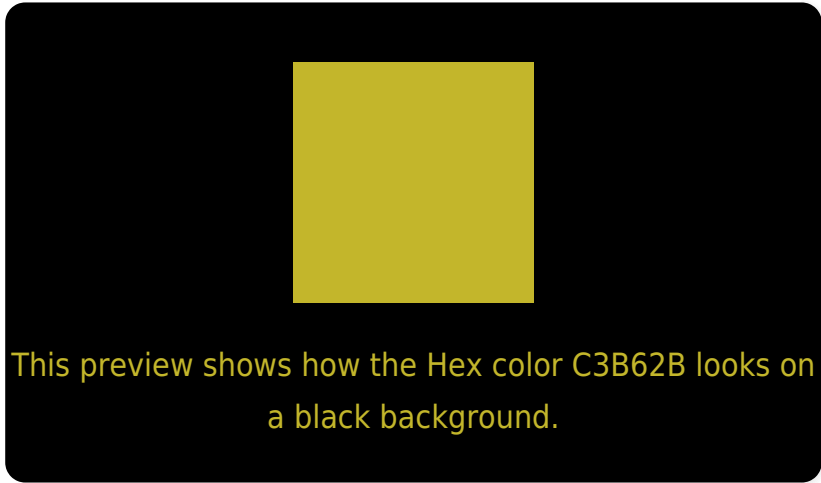
Large Text (above 18pt) WCAG AA × Fail

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 C3B62B Background



This preview shows how black text looks on a background with the Hex color C3B62B.



This preview shows how white text looks on a background with the Hex color C3B62B.

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

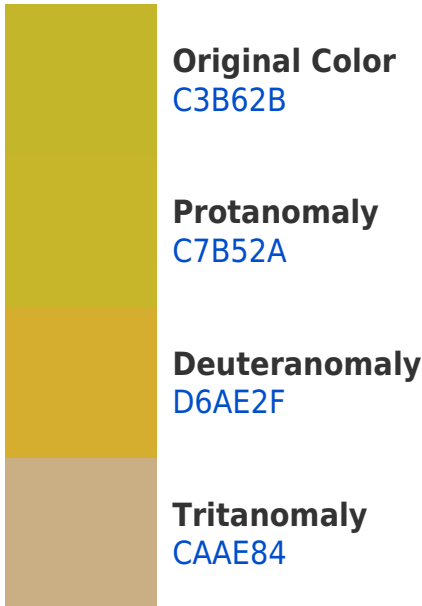


Original Color
C3B62B

Protanopia
CAB42A

Deuteranopia
E1AA31

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3B62B 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 #C3B62B looks like.

```
.text, #text, p{  
    color:#C3B62B  
}
```

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 #C3B62B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B62B
}
```

Border

The CSS property to change the border of an element to Hex C3B62B 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
#C3B62B }
```

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

```
.border{ border-color:#C3B62B }
```

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

Here you see how a box with a 4 pixel #C3B62B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B62B; -webkit-box-shadow:4px 4px  
4px 4px #C3B62B; box-shadow:4px 4px 4px  
4px #C3B62B }
```

Background

The CSS property to change the background color of an element to Hex C3B62B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B62B }
```

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

```
.background{ background-color:#C3B62B }
```

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