

Converting Colors

Hex(C2B738)

Have a look what the booklet for
Hex(C2B738) contains.

Hex(C2B738)	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(C2B738)

Conversions

Conversions Part 1

Format	Color
Hex	C2B738
RGB	194, 183, 56
RGB Percent	76%, 72%, 22%
CMY	0.2392, 0.2824, 0.7804
CMYK	0.00, 0.06, 0.71, 0.24
HSL	55°, 55%, 49%
HSV	55°, 71%, 76%
XYZ	39.8954, 45.6218, 10.4446
YIQ	171.8110, 47.3230, -37.1650

Conversions

Conversions Part 2

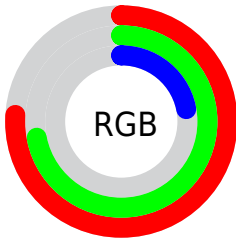
Format	Color
RYB	68, 194, 56
Decimal	12760888
CIELab	73.30, -10.54, 62.41
CIELCh	73, 63.296, 99.589
Yxy	45.6218, 0.4157, 0.4754
Android (android.graphics.Color)	4290950968 (0xFFC2B738)
YUV	171.8110, -57.0948, 19.4598
Hunter-Lab	67.5439, -12.7693, 38.1125

Details

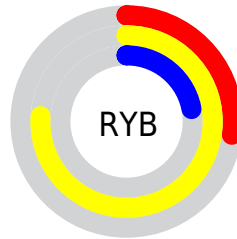
The Hex color **C2B738** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **3843C2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FDEF6F**, and **898200** is the 20% darker color. If you saturate the color by 10%, you get **C2B525**, and if you desaturate by 10%, it is **C2B94B**.

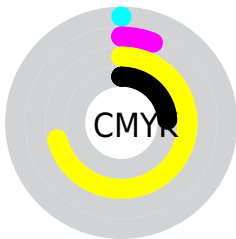
Distribution



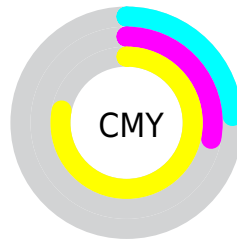
- Red (76%)
- Green (72%)
- Blue (22%)



- Red (27%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (6%)
- Yellow (71%)
- Black (24%)



- Cyan (24%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2B738 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 C2B738 by changing the saturation by 10% instead.

 C2B738

 C2B738

FFFFFF

 A59C18

 FDEF6F

 898200

 FFFF8A

 6D6900

 FFFFA6

 525100

 FFFFC2

 383B00

 FFFFDF

 1F2500

FFFFFFD

 001200

 000000

 C2B738

 C2B738

 C2B525

 C2B94B

 C2B411

 C2BA5F

 C2B300

 C2BC72

 C2BD86

 C2BF99

 C2C0AC

 C2C2C0

 C2C3D3

 C2C5E7

Harmonies

Analogous

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



F4A344



C2B738



83C555

Triad

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



C2B738



00CEFD



FF87DE

Complementary

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



C2B738



3843C2

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.



D09DFF



C2B738



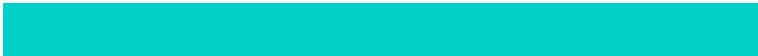
00C5FF

Square

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



C2B738



00D0C6



67B4FF



FF7FA4

Rectangle

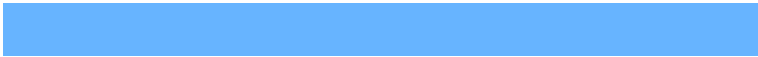
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2B738



47CB77



67B4FF



FA8DF0

Sweetspot

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



C2B738



FCF8C7



C23843



807D60



000000



808080

Same Dimension

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



C2B738



FCEB26



89C238



616057



A19400



211F00

Inverse Universe

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



3843C2



2637FC



7238C2



575861



000DA1



000321

Previews

White Background



This preview shows how the Hex color C2B738 looks on a white background.

Color Contrast Check

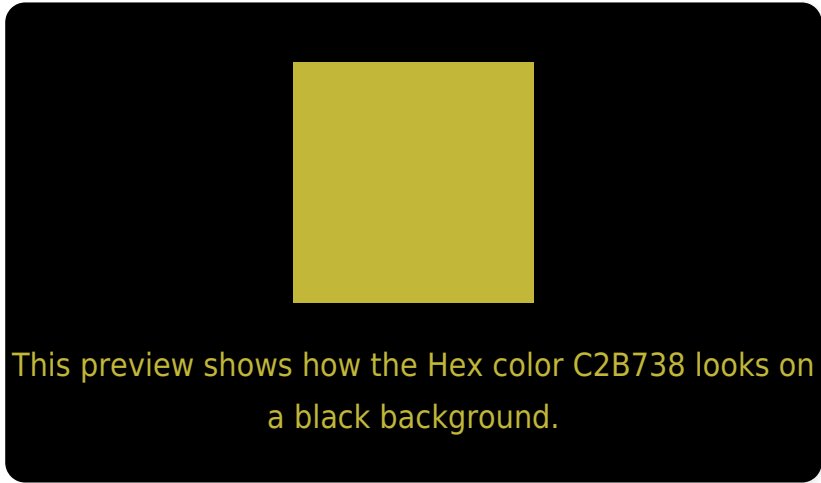
Large Text (above 18pt) WCAG AA × Fail

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 C2B738 Background



This preview shows how black text looks on a background with the Hex color C2B738.



This preview shows how white text looks on a background with the Hex color C2B738.

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

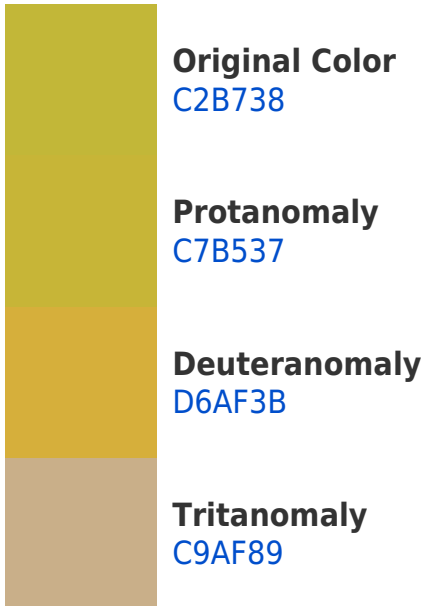


Original Color
C2B738

Protanopia
CAB437

Deuteranopia
E1AB3D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2B738 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 #C2B738 looks like.

```
.text, #text, p{  
    color:#C2B738  
}
```

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 #C2B738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B738
}
```

Border

The CSS property to change the border of an element to Hex C2B738 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
#C2B738 }
```

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

```
.border{ border-color:#C2B738 }
```

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

Here you see how a box with a 4 pixel #C2B738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B738; -webkit-box-shadow:4px 4px  
4px 4px #C2B738; box-shadow:4px 4px 4px  
4px #C2B738 }
```

Background

The CSS property to change the background color of an element to Hex C2B738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B738 }
```

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

```
.background{ background-color:#C2B738 }
```

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