

Converting Colors

Hex(C2C632)

Have a look what the booklet for
Hex(C2C632) contains.

Hex(C2C632)	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(C2C632)

Conversions

Conversions Part 1

Format	Color
Hex	C2C632
RGB	194, 198, 50
RGB Percent	76%, 78%, 20%
CMY	0.2392, 0.2235, 0.8039
CMYK	0.02, 0.00, 0.75, 0.22
HSL	62°, 60%, 49%
HSV	62°, 75%, 78%
XYZ	43.0179, 52.0878, 10.8043
YIQ	179.9320, 45.1240, -46.8760

Conversions

Conversions Part 2

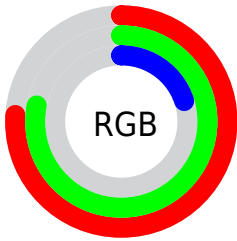
Format	Color
R_{YB}	50, 198, 54
Decimal	12764722
CIE _{Lab}	77.33, -18.41, 68.33
CIE _{LCh}	77, 70.763, 105.078
Yxy	52.0878, 0.4062, 0.4918
Android (android.graphics.Color)	4290954802 (0xFFC2C632)
YUV	179.9320, -64.0565, 12.3376
Hunter-Lab	72.1719, -19.9061, 41.6445

Details

The Hex color **C2C632** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3632C6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FEFF6C**, and **899000** is the 20% darker color. If you saturate the color by 10%, you get **C1C61E**, and if you desaturate by 10%, it is **C3C646**.

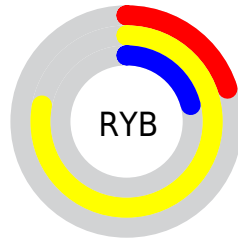
Distribution



Red (76%)

Green (78%)

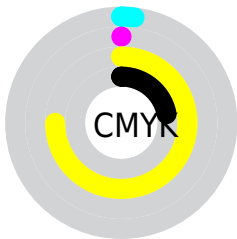
Blue (20%)



Red (20%)

Yellow (78%)

Blue (21%)

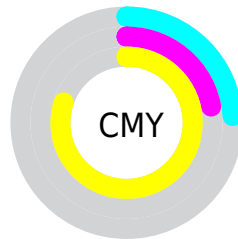


Cyan (2%)

Magenta (0%)

Yellow (75%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2C632 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 C2C632 by changing the saturation by 10% instead.



C2C632



C2C632

FFFFFF



A5AB09



FEFF6C



899000



FFFF88



6D7700



FFFAA4



525E00



FFFFC0



364700



FFFFDD



1D3000



FFFFFB



001D00



000000



C2C632



C2C632

 C1C61E

 C3C646

 C1C60A

 C3C65A

 C1C600

 C4C66D

 C4C681

 C5C695

 C5C6A9

 C6C6BD

 C6C6D0

 C7C6E4

Harmonies

Analogous

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



FDB038



C2C632



77D55D

Triad

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



C2C632



00DBFF



FF87E3

Complementary

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



C2C632



3632C6

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.



ED9FFF



C2C632



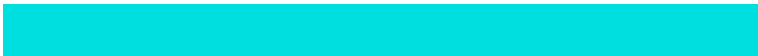
00D0FF

Square

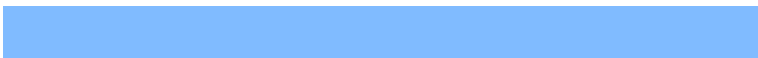
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2C632



00DFDF



80BBFF



FF83A1

Rectangle

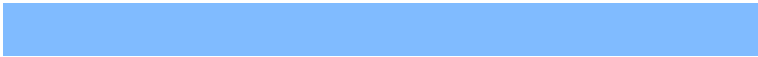
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2C632



00DB85



80BBFF



FF8EF8

Sweetspot

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



C2C632



FDFFC7



C63432



7F805E



000000



808080

Same Dimension

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



C2C632



F9FF19



7AC632



63635A



9FA300



232400

Inverse Universe

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



3632C6



2019FF



7E32C6



5A5A63



0400A3



010024

Previews

White Background



This preview shows how the Hex color C2C632 looks on a white background.

Color Contrast Check

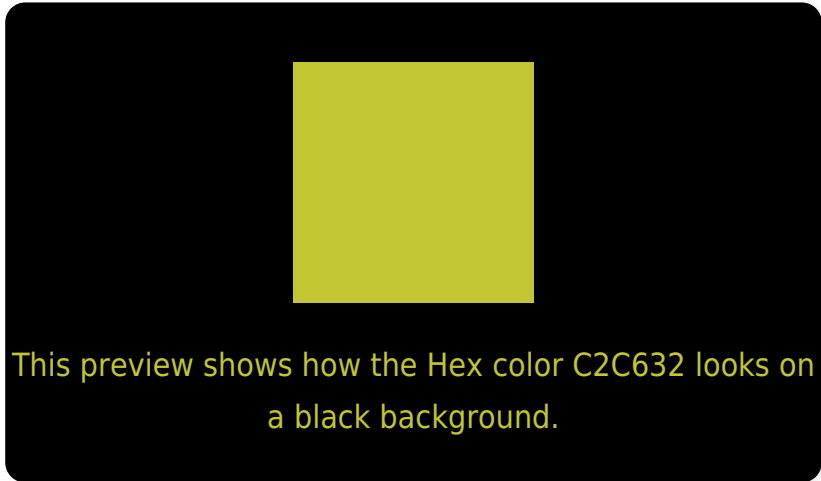
Large Text (above 18pt) WCAG AA × Fail

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 C2C632 Background



This preview shows how black text looks on a background with the Hex color C2C632.



This preview shows how white text looks on a background with the Hex color C2C632.

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
C2C632

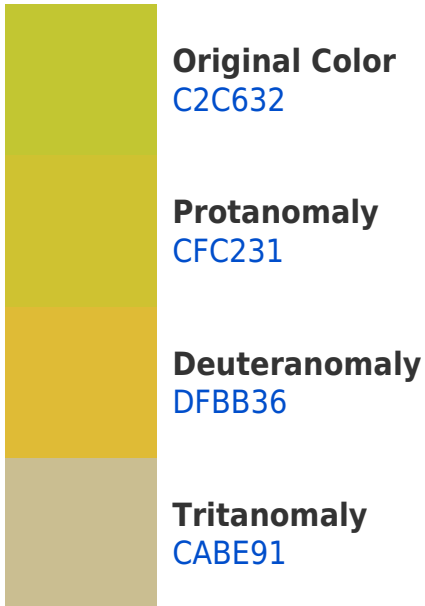
Protanopia
D6BF30

Deuteranopia
EFB539



Tritanopia
CFB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2C632 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 #C2C632 looks like.

```
.text, #text, p{  
    color:#C2C632  
}
```

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 #C2C632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C632
}
```

Border

The CSS property to change the border of an element to Hex C2C632 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
#C2C632 }
```

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

```
.border{ border-color:#C2C632 }
```

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

Here you see how a box with a 4 pixel #C2C632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C632; -webkit-box-shadow:4px 4px  
4px 4px #C2C632; box-shadow:4px 4px 4px  
4px #C2C632 }
```

Background

The CSS property to change the background color of an element to Hex C2C632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C632 }
```

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

```
.background{ background-color:#C2C632 }
```

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