

Converting Colors

Hex(C3C22B)

Have a look what the booklet for
Hex(C3C22B) contains.

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Color

Hex(C3C22B)

Conversions

Conversions Part 1

Format	Color
Hex	C3C22B
RGB	195, 194, 43
RGB Percent	76%, 76%, 17%
CMY	0.2353, 0.2392, 0.8314
CMYK	0.00, 0.01, 0.78, 0.24
HSL	60°, 64%, 47%
HSV	60°, 78%, 76%
XYZ	42.2335, 50.3601, 9.7800
YIQ	177.0850, 49.0670, -46.7490

Conversions

Conversions Part 2

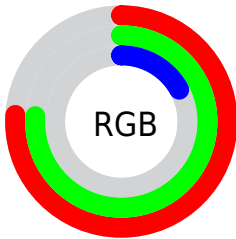
Format	Color
R_YB	44, 195, 43
Decimal	12829227
CIE Lab	76.29, -16.26, 69.55
CIE LCh	76, 71.426, 103.157
Yxy	50.3601, 0.4125, 0.4919
Android (android.graphics.Color)	4291019307 (0xFFC3C22B)
YUV	177.0850, -66.1039, 15.7115
Hunter-Lab	70.9648, -17.9573, 41.5043

Details

The Hex color **C3C22B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2B2CC3**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFFA66**, and **898D00** is the 20% darker color. If you saturate the color by 10%, you get **C3C218**, and if you desaturate by 10%, it is **C3C23F**.

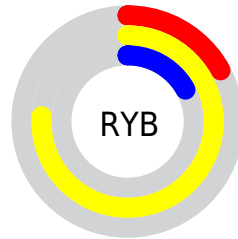
Distribution



Red (76%)

Green (76%)

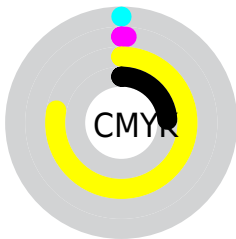
Blue (17%)



Red (17%)

Yellow (76%)

Blue (17%)

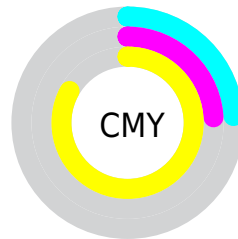


Cyan (0%)

Magenta (1%)

Yellow (78%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3C22B 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 C3C22B by changing the saturation by 10% instead.

 C3C22B

 C3C22B

FFFFFF

 A6A700

 FFFA66

 898D00

 FFFF82

 6D7300

 FFFF9E

 525B00

 FFFFBB

 374400

 FFFFD8

 1D2D00

 FFFFF5

 001A00

 000000

 C3C22B

 C3C22B

 C3C218

 C3C23F

 C3C204

 C3C252

 C3C200

 C3C266

 C3C379

 C3C38D

 C3C3A0

 C3C3B4

 C3C3C7

 C3C3DB

Harmonies

Analogous

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



FDAB35



C3C22B



79D155

Triad

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



C3C22B



00D9FF



FF84E4

Complementary

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



C3C22B



2B2CC3

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.



E59EFF



C3C22B



00CEFF

Square

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



C3C22B



00DCD8



71BAFF



FF7EA2

Rectangle

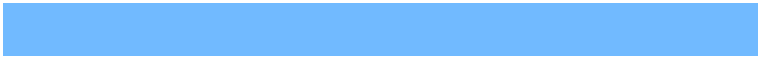
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3C22B



12D77D



71BAFF



FF8BF9

Sweetspot

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



C3C22B



FCFCC2



C32B2E



807F5C



000000



808080

Same Dimension

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



C3C22B



FCFB0F



7AC32B



616157



A1A000



212100

Inverse Universe

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



2B2CC3



0F11FC



742BC3



575761



0001A1



000021

Previews

White Background



This preview shows how the Hex color C3C22B looks on a white background.

Color Contrast Check

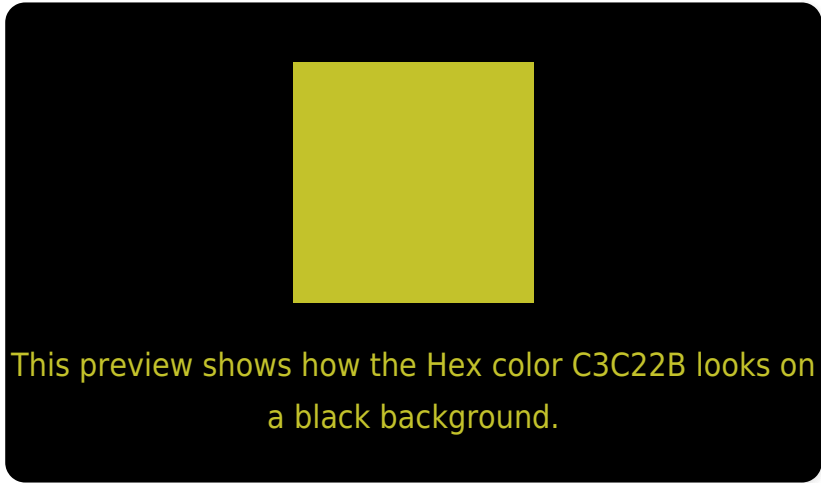
Large Text (above 18pt) WCAG AA × Fail

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 C3C22B Background



This preview shows how black text looks on a background with the Hex color C3C22B.



This preview shows how white text looks on a background with the Hex color C3C22B.

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
C3C22B

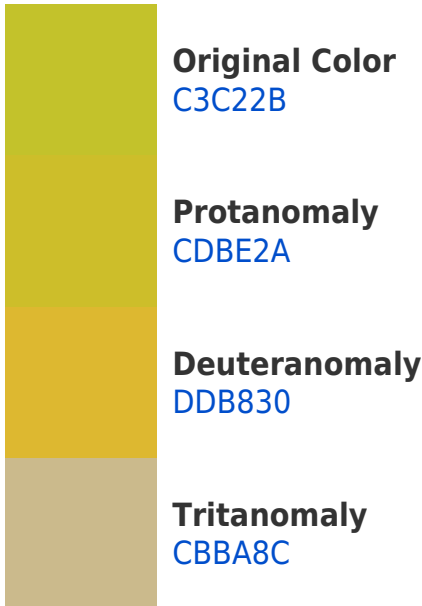
Protanopia
D3BC2A

Deuteranopia
ECB233



Tritanopia
CFB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3C22B 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 #C3C22B looks like.

```
.text, #text, p{  
    color:#C3C22B  
}
```

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 #C3C22B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C22B
}
```

Border

The CSS property to change the border of an element to Hex C3C22B 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
#C3C22B }
```

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

```
.border{ border-color:#C3C22B }
```

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

Here you see how a box with a 4 pixel #C3C22B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C22B; -webkit-box-shadow:4px 4px  
4px 4px #C3C22B; box-shadow:4px 4px 4px  
4px #C3C22B }
```

Background

The CSS property to change the background color of an element to Hex C3C22B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C22B }
```

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

```
.background{ background-color:#C3C22B }
```

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](#).

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