

Converting Colors

Hex(C2B23F)

Have a look what the booklet for
Hex(C2B23F) contains.

Hex(C2B23F)	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(C2B23F)

Conversions

Conversions Part 1

Format	Color
Hex	C2B23F
RGB	194, 178, 63
RGB Percent	76%, 70%, 25%
CMY	0.2392, 0.3020, 0.7529
CMYK	0.00, 0.08, 0.68, 0.24
HSL	53°, 52%, 50%
HSV	53°, 68%, 76%
XYZ	39.0657, 43.6690, 11.0726
YIQ	169.6740, 46.4510, -32.3730

Conversions

Conversions Part 2

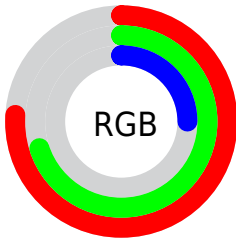
Format	Color
RYB	81, 194, 63
Decimal	12759615
CIELab	72.01, -7.59, 58.38
CIELCh	72, 58.874, 97.402
Yxy	43.6690, 0.4164, 0.4655
Android (android.graphics.Color)	4290949695 (0xFFC2B23F)
YUV	169.6740, -52.5903, 21.3339
Hunter-Lab	66.0825, -10.1213, 36.3233

Details

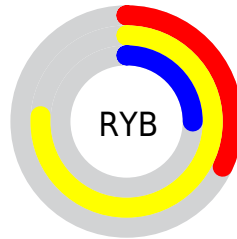
The Hex color **C2B23F** is a dark color, and the websafe version is hex **CCCC66**. The color can be described as middle muted orange. A complement of this color would be **3F4FC2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FDE975**, and **897E00** is the 20% darker color. If you saturate the color by 10%, you get **C2B02C**, and if you desaturate by 10%, it is **C2B452**.

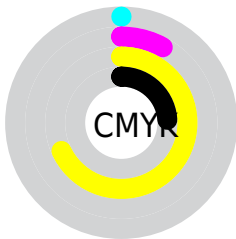
Distribution



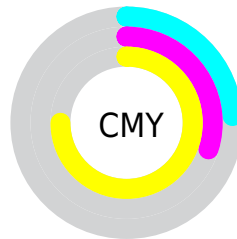
- Red (76%)
- Green (70%)
- Blue (25%)



- Red (32%)
- Yellow (76%)
- Blue (25%)



- Cyan (0%)
- Magenta (8%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (30%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2B23F 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 C2B23F by changing the saturation by 10% instead.



C2B23F



C2B23F

FFFFFF



A59723



FDE975



897E00



FFFF90



6D6500



FFFFAB



534D00



FFFFC8



383700



FFFFE4



1F2200



000D00



000000



C2B23F



C2B23F

 C2B02C

 C2B452

 C2AD18

 C2B766

 C2AB05

 C2B979

 C2AA00

 C2BB8D

 C2BEA0

 C2C0B3

 C2C3C7

 C2C5DA

 C2C7EE

Harmonies

Analogous

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



EF9F4B



C2B23F



89C057

Triad

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



C2B23F



00C9F0



FD88DB

Complementary

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



C2B23F



3F4FC2

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.



C59DFF



C2B23F



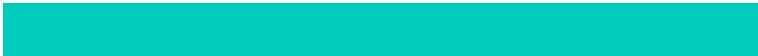
00C1FF

Square

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



C2B23F



00CBBD



64B2FF



FF81A5

Rectangle

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



C2B23F



57C674



64B2FF



EE8FEB

Sweetspot

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



C2B23F



FCF6CA



C23F50



807C61



000000



808080

Same Dimension

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



C2B23F



FCE330



92C23F



616057



A18D00



211D00

Inverse Universe

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



3F4FC2



3049FC



6F3FC2



575861



0014A1



000421

Previews

White Background



This preview shows how the Hex color C2B23F looks on a white background.

Color Contrast Check

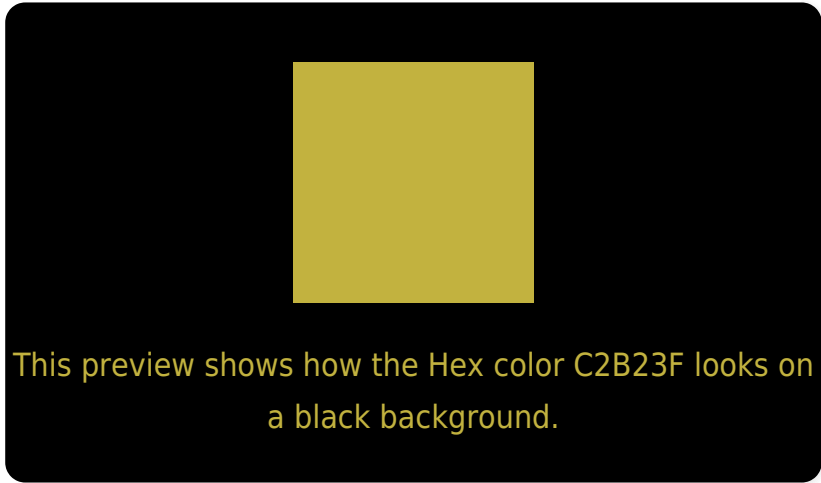
Large Text (above 18pt) WCAG AA × Fail

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 C2B23F Background



This preview shows how black text looks on a background with the Hex color C2B23F.

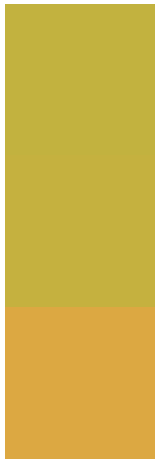


This preview shows how white text looks on a background with the Hex color C2B23F.

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
C2B23F

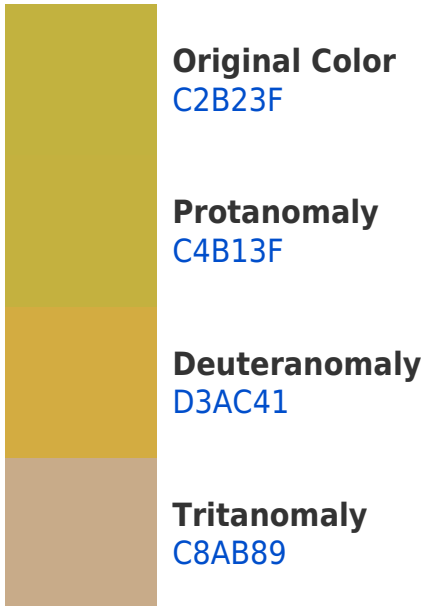
Protanopia
C5B13F

Deuteranopia
DCA842

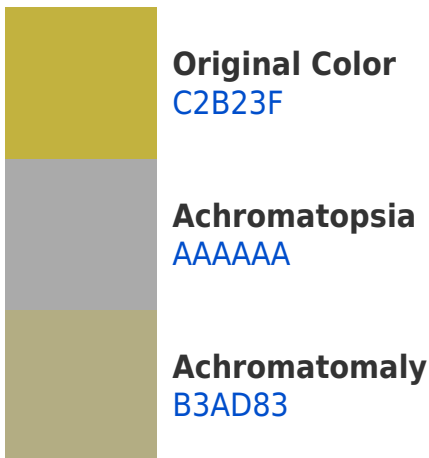


Tritanopia
CCA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2B23F 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 #C2B23F looks like.

```
.text, #text, p{  
    color:#C2B23F  
}
```

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 #C2B23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B23F
}
```

Border

The CSS property to change the border of an element to Hex C2B23F 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
#C2B23F }
```

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

```
.border{ border-color:#C2B23F }
```

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

Here you see how a box with a 4 pixel #C2B23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B23F; -webkit-box-shadow:4px 4px  
4px 4px #C2B23F; box-shadow:4px 4px 4px  
4px #C2B23F }
```

Background

The CSS property to change the background color of an element to Hex C2B23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B23F }
```

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

```
.background{ background-color:#C2B23F }
```

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