

Converting Colors

Hex(CFD32C)

Have a look what the booklet for
Hex(CFD32C) contains.

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Color

Hex(CFD32C)

Conversions

Conversions Part 1

Format	Color
Hex	CFD32C
RGB	207, 211, 44
RGB Percent	81%, 83%, 17%
CMY	0.1882, 0.1725, 0.8275
CMYK	0.02, 0.00, 0.79, 0.17
HSL	61°, 65%, 50%
HSV	61°, 79%, 83%
XYZ	49.4810, 60.0358, 11.3630
YIQ	190.7660, 51.2230, -52.7850

Conversions

Conversions Part 2

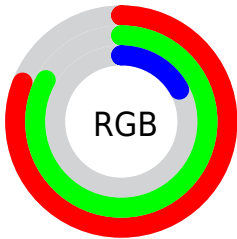
Format	Color
RYB	44, 211, 48
Decimal	13620012
CIELab	81.86, -19.57, 74.56
CIELCh	82, 77.085, 104.710
Yxy	60.0358, 0.4093, 0.4967
Android (android.graphics.Color)	4291810092 (0xFFCFD32C)
YUV	190.7660, -72.3556, 14.2372
Hunter-Lab	77.4828, -21.6035, 45.5429

Details

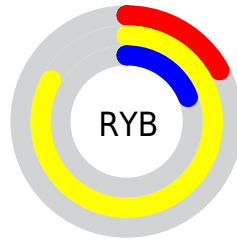
The Hex color **CFD32C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **302CD3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF69**, and **959D00** is the 20% darker color. If you saturate the color by 10%, you get **CED317**, and if you desaturate by 10%, it is **D0D341**.

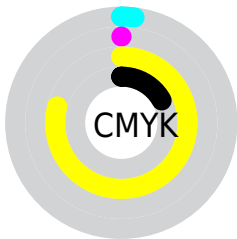
Distribution



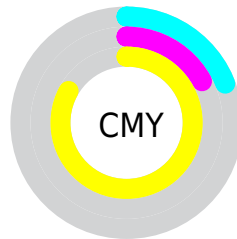
- Red (81%)
- Green (83%)
- Blue (17%)



- Red (17%)
- Yellow (83%)
- Blue (19%)



- Cyan (2%)
- Magenta (0%)
- Yellow (79%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFD32C 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 CFD32C by changing the saturation by 10% instead.

 CFD32C

 CFD32C

FFFFFF

 B2B700

 FFFF69

 959D00

 FFFF86

 788300

 FFFFA2

 5D6A00

 FFFFBF

 415200

 FFFFDC

 263B00

 FFFFFA

 0C2500

 000D00

 000000

 CFD32C

 CFD32C

 CED317

 D0D341

 CED302

 D0D356

 CED300

 D1D36B

 D1D380

 D2D396

 D2D3AB

 D3D3C0

 D3D3D5

 D4D3EA

Harmonies

Analogous

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



FFBB35



CFD32C



7CE35E

Triad

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



CFD32C



00EAF4



FF8DF4

Complementary

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



CFD32C



302CD3

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.



FCA9FF



CFD32C



00DEFF

Square

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



CFD32C



00EEEE



81C7FF



FF87AB

Rectangle

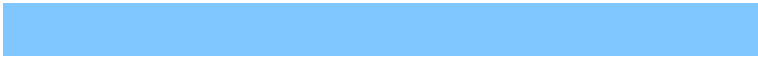
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFD32C



00E98B



81C7FF



FF94FF

Sweetspot

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



CFD32C



FEFFC2



D32F2C



7F805B



000000



808080

Same Dimension

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



CFD32C



F9FF0D



7DD32C



68695E



A4A800



282900

Inverse Universe

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



302CD3



130DFF



822CD3



5E5E69



0400A8



010029

Previews

White Background



This preview shows how the Hex color CFD32C looks on a white background.

Color Contrast Check

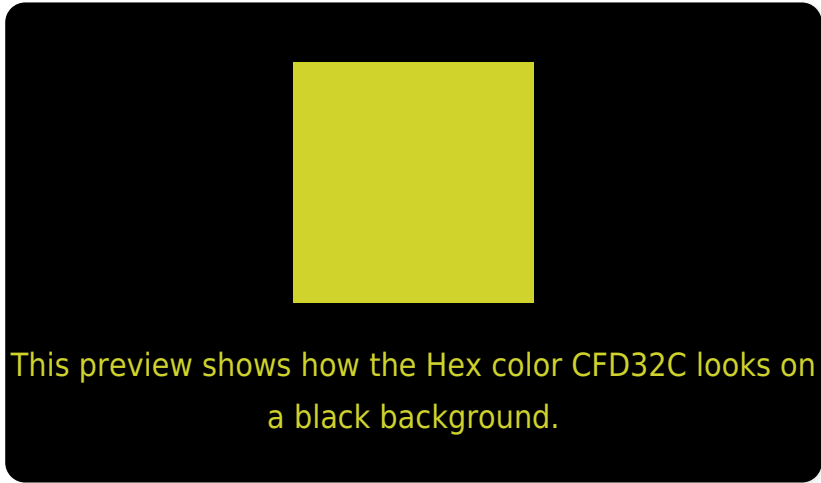
Large Text (above 18pt) WCAG AA × Fail

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 CFD32C Background



This preview shows how black text looks on a background with the Hex color CFD32C.

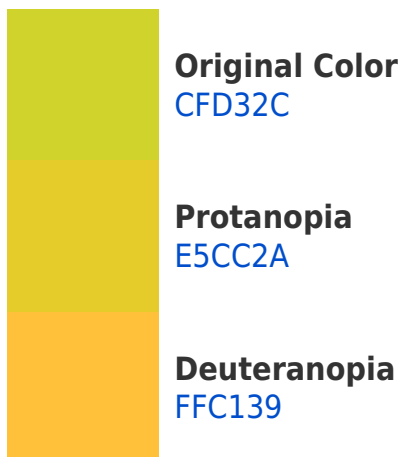


This preview shows how white text looks on a background with the Hex color CFD32C.

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](#).

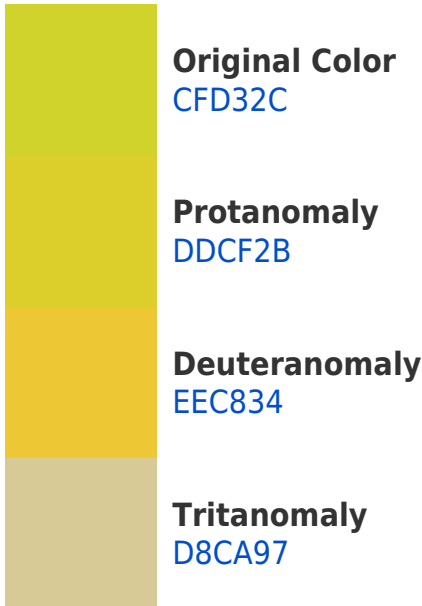
Dichromacy





Tritanopia
DDC5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFD32C 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 #CFD32C looks like.

```
.text, #text, p{  
    color:#CFD32C  
}
```

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 #CFD32C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFD32C
}
```

Border

The CSS property to change the border of an element to Hex CFD32C 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
#CFD32C }
```

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

```
.border{ border-color:#CFD32C }
```

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

Here you see how a box with a 4 pixel #CFD32C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFD32C; -webkit-box-shadow:4px 4px  
4px 4px #CFD32C; box-shadow:4px 4px 4px  
4px #CFD32C }
```

Background

The CSS property to change the background color of an element to Hex CFD32C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFD32C }
```

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

```
.background{ background-color:#CFD32C }
```

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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