

Converting Colors

Hex(C2D821)

Have a look what the booklet for
Hex(C2D821) contains.

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Color

Hex(C2D821)

Conversions

Conversions Part 1

Format	Color
Hex	C2D821
RGB	194, 216, 33
RGB Percent	76%, 85%, 13%
CMY	0.2392, 0.1529, 0.8706
CMYK	0.10, 0.00, 0.85, 0.15
HSL	67°, 73%, 49%
HSV	67°, 85%, 85%
XYZ	47.0785, 60.6909, 10.6721
YIQ	188.5600, 45.6310, -61.5770

Conversions

Conversions Part 2

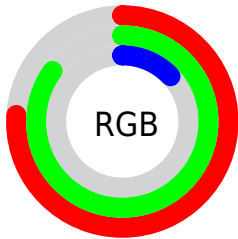
Format	Color
RYB	33, 216, 55
Decimal	12769313
CIELab	82.21, -27.72, 77.12
CIELCh	82, 81.949, 109.772
Yxy	60.6909, 0.3975, 0.5124
Android (android.graphics.Color)	4290959393 (0xFFC2D821)
YUV	188.5600, -76.6911, 4.7709
Hunter-Lab	77.9043, -28.4630, 46.4110

Details

The Hex color **C2D821** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3721D8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FEFF63**, and **88A100** is the 20% darker color. If you saturate the color by 10%, you get **BFD80B**, and if you desaturate by 10%, it is **C5D837**.

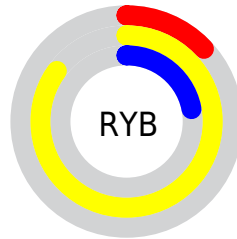
Distribution



Red (76%)

Green (85%)

Blue (13%)



Red (13%)

Yellow (85%)

Blue (22%)

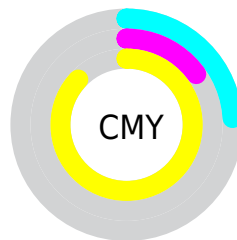


Cyan (10%)

Magenta (0%)

Yellow (85%)

Black (15%)



Cyan (24%)

Magenta (15%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2D821 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 C2D821 by changing the saturation by 10% instead.

 C2D821

 C2D821

FFFFFF

 A5BC00

 FEFF63

 88A100

 FFFF80

 6B8700

 FFFF9D

 506E00

 FFFFBA

 335500

 FFFFD7

 173E00

 FFFFF5

 002800

 000F00

 000000

 C2D821

 C2D821

 BFD80B

 C5D837

 BED800

 C7D84C

 CAD862

 CCD877

 CFD88D

 D2D8A3

 D4D8B8

 D7D8CE

 D9D8E3

Harmonies

Analogous

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



FFBF1D



C2D821



60E762

Triad

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



C2D821



00EBFF



FF84EA

Complementary

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



C2D821



3721D8

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.



FFA1FF



C2D821



00DDFF

Square

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



C2D821



00F1FE



98C3FF



FF849D

Rectangle

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



C2D821



00ED94



98C3FF



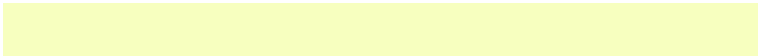
FF8BFF

Sweetspot

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



C2D821



F7FFBF



D83621



7B8059



000000



808080

Same Dimension

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



C2D821



E0FF00



67D821



6A6B60



96AB00



262B00

Inverse Universe

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



3721D8



1F00FF



9221D8



62606B



1500AB



05002B

Previews

White Background



This preview shows how the Hex color C2D821 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



This preview shows how the Hex color C2D821 looks on a 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 C2D821 Background



This preview shows how black text looks on a background with the Hex color C2D821.



This preview shows how white text looks on a background with the Hex color C2D821.

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
C2D821

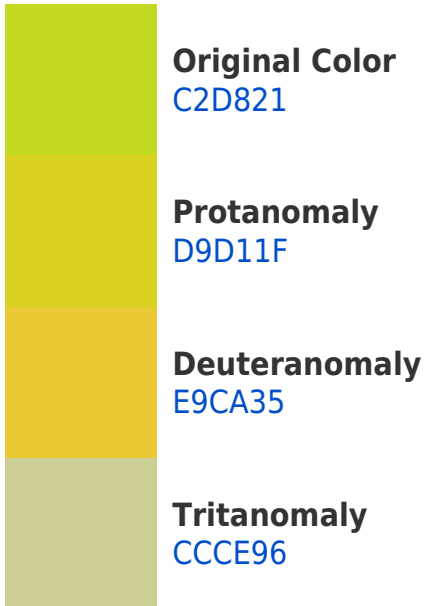
Protanopia
E6CD1E

Deuteranopia
FFC240



Tritanopia
D2C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2D821 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 #C2D821 looks like.

```
.text, #text, p{  
    color:#C2D821  
}
```

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 #C2D821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D821
}
```

Border

The CSS property to change the border of an element to Hex C2D821 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
#C2D821 }
```

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

```
.border{ border-color:#C2D821 }
```

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

Here you see how a box with a 4 pixel #C2D821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D821; -webkit-box-shadow:4px 4px  
4px 4px #C2D821; box-shadow:4px 4px 4px  
4px #C2D821 }
```

Background

The CSS property to change the background color of an element to Hex C2D821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D821 }
```

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

```
.background{ background-color:#C2D821 }
```

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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