

Converting Colors

Hex(C2D500)

Have a look what the booklet for
Hex(C2D500) contains.

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Color

Hex(C2D500)

Conversions

Conversions Part 1

Format	Color
Hex	C2D500
RGB	194, 213, 0
RGB Percent	76%, 84%, 0%
CMY	0.2392, 0.1647, 1.0000
CMYK	0.09, 0.00, 1.00, 0.16
HSL	65°, 100%, 42%
HSV	65°, 100%, 84%
XYZ	46.0424, 59.0578, 8.9726
YIQ	183.0370, 57.0490, -70.2710

Conversions

Conversions Part 2

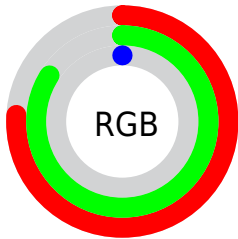
Format	Color
RYB	0, 213, 19
Decimal	12768512
CIELab	81.32, -26.81, 80.77
CIELCh	81, 85.101, 108.366
Yxy	59.0578, 0.4036, 0.5177
Android (android.graphics.Color)	4290958592 (0xFFC2D500)
YUV	183.0370, -90.2372, 9.6146
Hunter-Lab	76.8491, -27.5417, 46.8719

Details

The Hex color **C2D500** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1300D5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FEFF56**, and **879F00** is the 20% darker color. If you saturate the color by 10%, you get **C2D500**, and if you desaturate by 10%, it is **C4D515**.

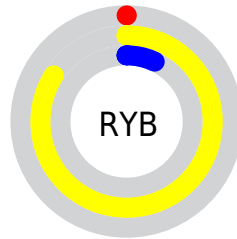
Distribution



Red (76%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (7%)

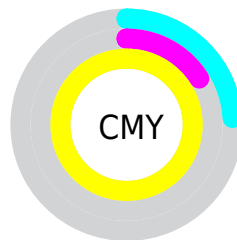


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2D500 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 C2D500 by changing the saturation by 10% instead.

 C2D500

 C2D500

FFFFFF

 A5B900

 FEFF56

 879F00

 FFFF74

 6B8400

 FFFF91

 4F6B00

 FFFFAE


 335300

 FFFFCC

 163C00

 FFFFEA

 002600

 000900

 000000

 C2D500

 C4D515

 C6D52B

 C8D540

 CAD555

 CBD56B

 CDD580

 CFD595

 D1D5AA

 D3D5C0

Harmonies

Analogous

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



FFBB05



C2D500



5DE558

Triad

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



C2D500



00EAFB



FF7DED

Complementary

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



C2D500



1300D5

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.



FF9EFF



C2D500



00DCFF

Square

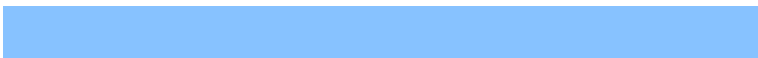
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2D500



00EFFA



87C2FF



FF7C9D

Rectangle

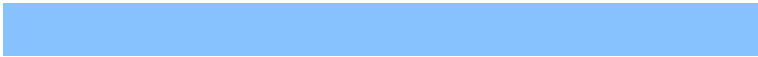
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2D500



00EB8C



87C2FF



FF86FF

Sweetspot

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



C2D500



F8FFB3



D51200



7B8052



000000



808080

Same Dimension

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



C2D500



E8FF00



59D500



6A6B60



9CAB00



272B00

Inverse Universe

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



1300D5



1700FF



7C00D5



61606B



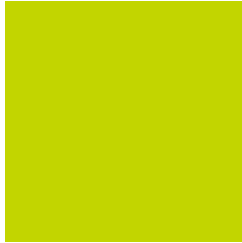
0F00AB



04002B

Previews

White Background



This preview shows how the Hex color C2D500 looks on a white background.

Color Contrast Check

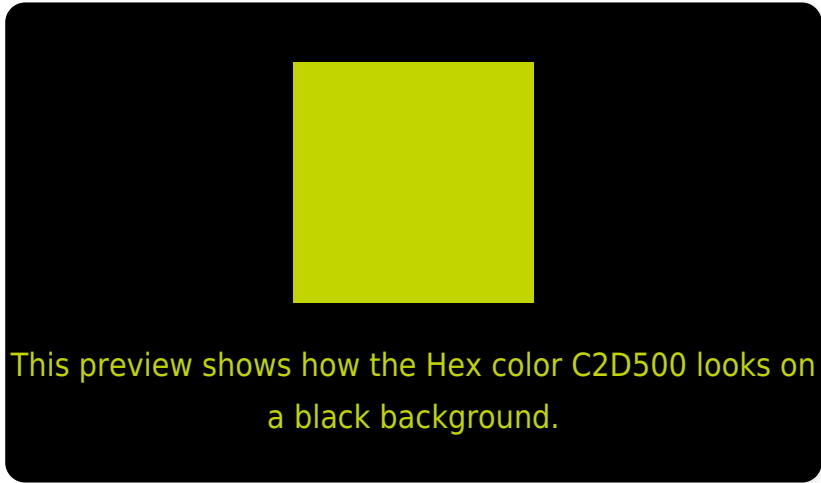
Large Text (above 18pt) WCAG AA × Fail

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 C2D500 Background



This preview shows how black text looks on a background with the Hex color C2D500.



This preview shows how white text looks on a background with the Hex color C2D500.

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
C2D500

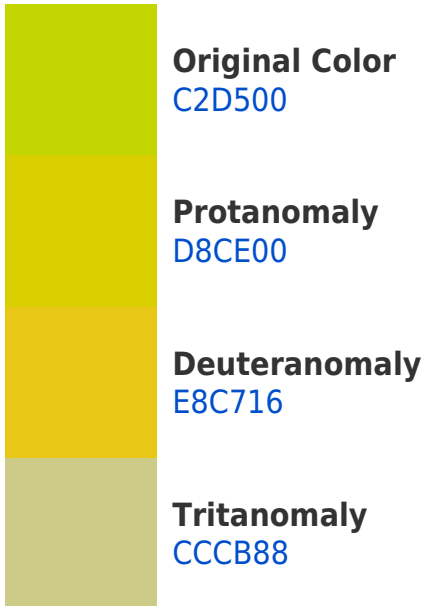
Protanopia
E4CA00

Deuteranopia
FEBF23



Tritanopia
D2C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2D500 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 #C2D500 looks like.

```
.text, #text, p{  
    color:#C2D500  
}
```

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 #C2D500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D500
}
```

Border

The CSS property to change the border of an element to Hex C2D500 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
#C2D500 }
```

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

```
.border{ border-color:#C2D500 }
```

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

Here you see how a box with a 4 pixel #C2D500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D500; -webkit-box-shadow:4px 4px  
4px 4px #C2D500; box-shadow:4px 4px 4px  
4px #C2D500 }
```

Background

The CSS property to change the background color of an element to Hex C2D500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D500 }
```

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

```
.background{ background-color:#C2D500 }
```

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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