

# Converting Colors

Hex(C2D142)

Have a look what the booklet for  
Hex(C2D142) contains.

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**Color**

**Hex(C2D142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D142
RGB	194, 209, 66
RGB Percent	76%, 82%, 26%
CMY	0.2392, 0.1804, 0.7412
CMYK	0.07, 0.00, 0.68, 0.18
HSL	66°, 61%, 54%
HSV	66°, 68%, 82%
XYZ	46.0320, 57.4636, 13.8197
YIQ	188.2130, 36.9630, -47.6530

# Conversions

## Conversions Part 2

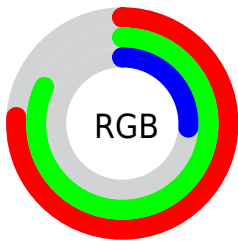
Format	Color
<a href="#">RYB</a>	<a href="#">66, 209, 81</a>
Decimal	<a href="#">12767554</a>
CIELab	<a href="#">80.44, -23.03, 65.77</a>
CIElCh	<a href="#">80, 69.682, 109.302</a>
Yxy	<a href="#">57.4636, 0.3924, 0.4898</a>
Android (android.graphics.Color)	<a href="#">4290957634</a> (0xFFC2D142)
YUV	<a href="#">188.2130, -60.2510, 5.0752</a>
Hunter-Lab	<a href="#">75.8048, -24.2653, 42.2544</a>

# Details

The Hex color **C2D142** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5142D1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FDFF7A**, and **899B00** is the 20% darker color. If you saturate the color by 10%, you get **C0D12D**, and if you desaturate by 10%, it is **C4D157**.

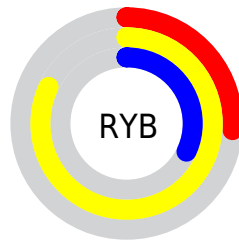
# Distribution



Red (76%)

Green (82%)

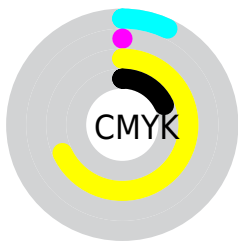
Blue (26%)



Red (26%)

Yellow (82%)

Blue (32%)

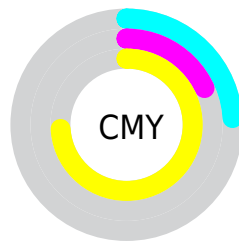


Cyan (7%)

Magenta (0%)

Yellow (68%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D142 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 C2D142 by changing the saturation by 10% instead.



 C2D142

 C2D142

FFFFFF

 A5B523

 FDF77A

 899B00

 FFFF96

 6D8100

 FFFF82

 526800

 FFFF76

 375000

 FFFF6A

 1C3900

 002300

 000300

 000000

 C2D142

 C2D142

 C0D12D

 C4D157

 BED118

 C6D16C

 BBD103

 C9D181

 BBD100

 CBD196

 CDD1AB

 CFD1BF

 D1D1D4

 D4D1E9

 D6D1FE

# Harmonies

## Analogous

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



FEBC40



C2D142



74DF6E

# Triad

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



C2D142



00E2FF



FF8FE2

# Complementary

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



C2D142



5142D1

# 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.



FFA5FF



C2D142



00D6FF

# Square

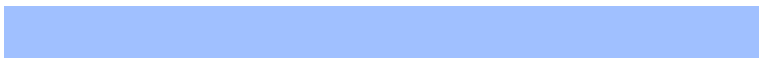
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2D142



00E7F1



A0C0FF



FF8EA0

# Rectangle

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



C2D142



00E497



A0C0FF



FF94F7

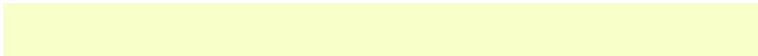


# Sweetspot

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



C2D142



F9FFC9



D15042



7C8060



000000



808080



# Same Dimension

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



C2D142



E9FF2E



7BD142



67695E



97A800



252900



# Inverse Universe

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



5142D1



442EFF



9842D1



5F5E69



1200A8



040029



# Previews

## White Background



This preview shows how the Hex color C2D142 looks on a white background.

## Color Contrast Check

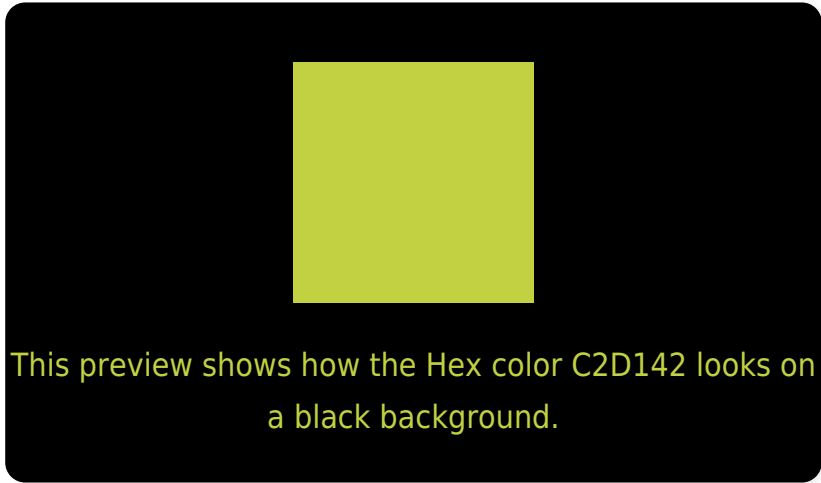
Large Text (above 18pt) WCAG AA × Fail

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 C2D142 Background



This preview shows how black text looks on a background with the Hex color C2D142.



This preview shows how white text looks on a background with the Hex color C2D142.

# 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



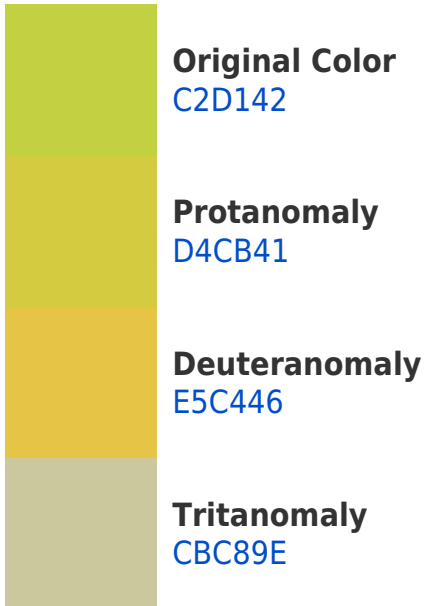
**Original Color**  
C2D142

**Protanopia**  
DFC840

**Deuteranopia**  
F9BD49



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D142 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 #C2D142 looks like.

```
.text, #text, p{  
    color:#C2D142  
}
```

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 #C2D142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D142
}
```

## Border

The CSS property to change the border of an element to Hex C2D142 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
#C2D142 }
```

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

```
.border{ border-color:#C2D142 }
```

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

Here you see how a box with a 4 pixel #C2D142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D142; -webkit-box-shadow:4px 4px  
4px 4px #C2D142; box-shadow:4px 4px 4px  
4px #C2D142 }
```

# Background

The CSS property to change the background color of an element to Hex C2D142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D142 }
```

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

```
.background{ background-color:#C2D142 }
```

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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