

# Converting Colors

Hex(C2D647)

Have a look what the booklet for  
Hex(C2D647) contains.

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# Color

**Hex(C2D647)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D647
RGB	194, 214, 71
RGB Percent	76%, 84%, 28%
CMY	0.2392, 0.1608, 0.7216
CMYK	0.09, 0.00, 0.67, 0.16
HSL	68°, 64%, 56%
HSV	68°, 67%, 84%
XYZ	47.4320, 60.0174, 15.0458
YIQ	191.7180, 33.9830, -48.7130

# Conversions

## Conversions Part 2

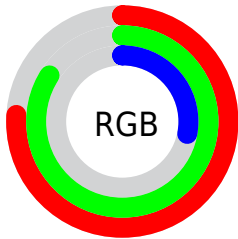
Format	Color
<a href="#">RYB</a>	<a href="#">71, 214, 91</a>
Decimal	<a href="#">12768839</a>
CIELab	<a href="#">81.85, -25.16, 65.30</a>
CIELCh	<a href="#">82, 69.984, 111.072</a>
Yxy	<a href="#">60.0174, 0.3872, 0.4900</a>
Android (android.graphics.Color)	<a href="#">4290958919 (0xFFC2D647)</a>
YUV	<a href="#">191.7180, -59.5140, 2.0013</a>
Hunter-Lab	<a href="#">77.4709, -26.2864, 42.7148</a>

# Details

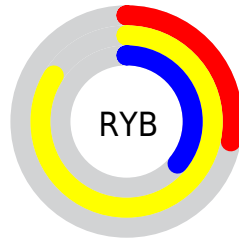
The Hex color **C2D647** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5B47D6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FDF77F**, and **899F00** is the 20% darker color. If you saturate the color by 10%, you get **BFD632**, and if you desaturate by 10%, it is **C5D65C**.

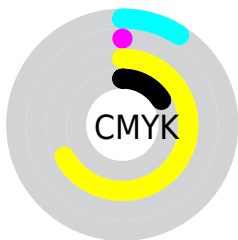
# Distribution



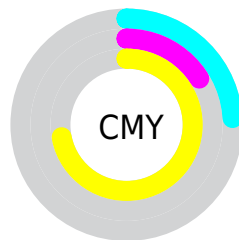
- Red (76%)
- Green (84%)
- Blue (28%)



- Red (28%)
- Yellow (84%)
- Blue (36%)



- Cyan (9%)
- Magenta (0%)
- Yellow (67%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D647 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 C2D647 by changing the saturation by 10% instead.



 C2D647

 C2D647

FFFFFF

 A5BA29

 FDF77F

 899F00

 FFF99B

 6D8500

 FFFB7

 526C00

 FFFD4

 375400

 FFFF1

 1C3C00

 002600

 000C00

 000000

 C2D647

 C2D647

 BFD632

 C5D65C

 BCD61C

 C8D672

 B9D607

 CBD687

 B8D600

 CED69D

 D1D6B2

 D4D6C7

 D7D6DD

 DAD6F2

 DDD6FF

# Harmonies

## Analogous

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



FFC142



C2D647



72E375

# Triad

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



C2D647



00E6FF



FF92E2

# Complementary

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



C2D647



5B47D6

# 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.



FFA7FF



C2D647



00D9FF

# Square

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



C2D647



00EBF9



ABC2FF



FF93A0

# Rectangle

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



C2D647



00E99F



ABC2FF



FF97F8

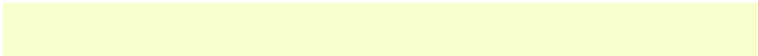


# Sweetspot

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



C2D647



F8FFCC



D65A47



7B8061



000000



808080



# Same Dimension

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



C2D647



E2FF33



7BD647



6A6B60



93AB00



252B00



# Inverse Universe

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



5B47D6



5033FF



A247D6



62606B



1800AB



06002B



# Previews

## White Background



This preview shows how the Hex color C2D647 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 C2D647 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 C2D647 Background



This preview shows how black text looks on a background with the Hex color C2D647.

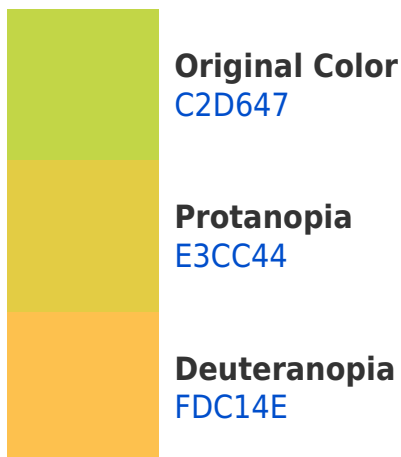


This preview shows how white text looks on a background with the Hex color C2D647.

# 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**  
D1C8D8

# Trichromacy



**Original Color**  
C2D647

**Protanomaly**  
D7D045

**Deuteranomaly**  
E8C94B

**Tritanomaly**  
CCDA3

# Monochromacy



**Original Color**  
C2D647

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
C1C894

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D647 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 #C2D647 looks like.

```
.text, #text, p{  
    color:#C2D647  
}
```

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 #C2D647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D647
}
```

## Border

The CSS property to change the border of an element to Hex C2D647 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
#C2D647 }
```

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

```
.border{ border-color:#C2D647 }
```

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

Here you see how a box with a 4 pixel #C2D647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D647; -webkit-box-shadow:4px 4px  
4px 4px #C2D647; box-shadow:4px 4px 4px  
4px #C2D647 }
```

# Background

The CSS property to change the background color of an element to Hex C2D647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D647 }
```

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

```
.background{ background-color:#C2D647 }
```

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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