

# Converting Colors

Hex(C2D756)

Have a look what the booklet for  
Hex(C2D756) contains.

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**Color**

**Hex(C2D756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D756
RGB	194, 215, 86
RGB Percent	76%, 84%, 34%
CMY	0.2392, 0.1569, 0.6627
CMYK	0.10, 0.00, 0.60, 0.16
HSL	70°, 62%, 59%
HSV	70°, 60%, 84%
XYZ	48.2283, 60.7421, 17.9866
YIQ	194.0150, 28.8930, -44.5710

# Conversions

## Conversions Part 2

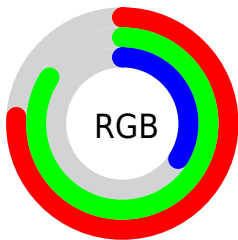
Format	Color
<a href="#">RYB</a>	<a href="#">86, 215, 107</a>
Decimal	<a href="#">12769110</a>
CIELab	<a href="#">82.24, -24.65, 59.64</a>
CIELCh	<a href="#">82, 64.532, 112.452</a>
Yxy	<a href="#">60.7421, 0.3799, 0.4784</a>
Android (android.graphics.Color)	<a href="#">4290959190 (0xFFC2D756)</a>
YUV	<a href="#">194.0150, -53.2514, -0.0132</a>
Hunter-Lab	<a href="#">77.9372, -25.9326, 40.8729</a>

# Details

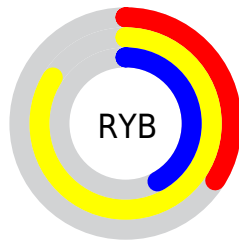
The Hex color **C2D756** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6B56D7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FDF88C**, and **89A01C** is the 20% darker color. If you saturate the color by 10%, you get **BED741**, and if you desaturate by 10%, it is **C5D76C**.

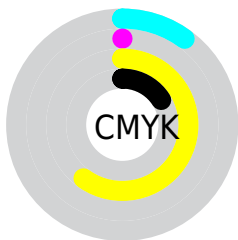
# Distribution



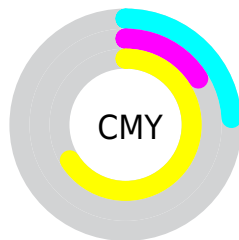
- Red (76%)
- Green (84%)
- Blue (34%)



- Red (34%)
- Yellow (84%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (60%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D756 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 C2D756 by changing the saturation by 10% instead.



 C2D756

 C2D756

FFFFFF

 A5BB3B

 FDF88C

 89A01C

 FFFFA8

 6E8600

 FFFFC4

 536D00

 FFFFE1

 395400

 1E3D00

 002700

 000F00

 000000

 C2D756

 C2D756

 BED741

 C5D76C

 BBD72B

 C9D781

 B7D715

 CCD797

 B4D700

 D0D7AC

 D4D7C2

 D7D7D7

 DBD7ED

 DED7FF

 E2D7FF

# Harmonies

## Analogous

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



FCC44F



C2D756



78E380

# Triad

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



C2D756



00E5FF



FF99DF

# Complementary

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



C2D756



6B56D7

# 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.



FFAAFF



C2D756



00D8FF

# Square

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



C2D756



00EAF9



B6C3FF



FF9BA2

# Rectangle

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



C2D756



11E8A6



B6C3FF



FF9DF3

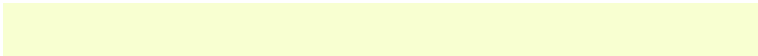


# Sweetspot

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



C2D756



F8FFD1



D76956



7B8063



000000



808080



# Same Dimension

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



C2D756



E1FF47



83D756



696B60



8FAB00



242B00



# Inverse Universe

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



6B56D7



6547FF



AA56D7



62606B



1C00AB



07002B



# Previews

## White Background



This preview shows how the Hex color C2D756 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 C2D756 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 C2D756 Background



This preview shows how black text looks on a background with the Hex color C2D756.

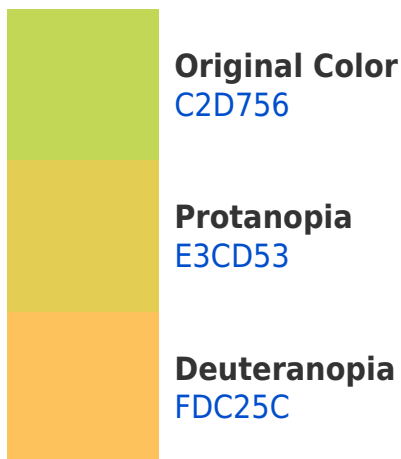


This preview shows how white text looks on a background with the Hex color C2D756.

# Color Blindness Simulation

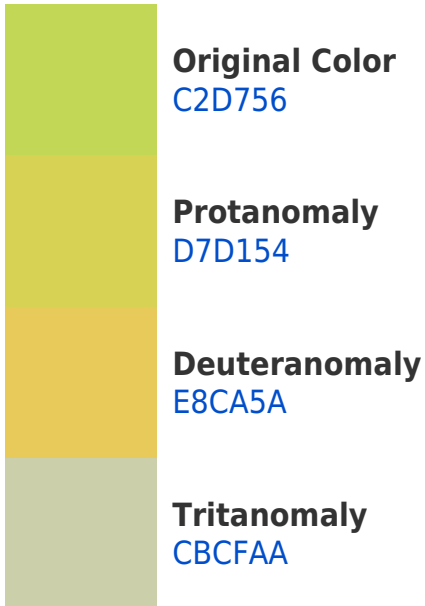
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

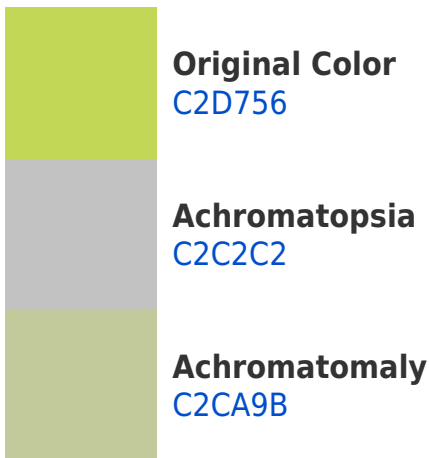




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D756 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 #C2D756 looks like.

```
.text, #text, p{  
    color:#C2D756  
}
```

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 #C2D756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D756
}
```

## Border

The CSS property to change the border of an element to Hex C2D756 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
#C2D756 }
```

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

```
.border{ border-color:#C2D756 }
```

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

Here you see how a box with a 4 pixel #C2D756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D756; -webkit-box-shadow:4px 4px  
4px 4px #C2D756; box-shadow:4px 4px 4px  
4px #C2D756 }
```

# Background

The CSS property to change the background color of an element to Hex C2D756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D756 }
```

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

```
.background{ background-color:#C2D756 }
```

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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