

# Converting Colors

Hex(C2DC75)

Have a look what the booklet for  
Hex(C2DC75) contains.

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# **Color**

**Hex(C2DC75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2DC75
RGB	194, 220, 117
RGB Percent	76%, 86%, 46%
CMY	0.2392, 0.1373, 0.5412
CMYK	0.12, 0.00, 0.47, 0.14
HSL	75°, 60%, 66%
HSV	75°, 47%, 86%
XYZ	51.0522, 63.9401, 26.4806
YIQ	200.4840, 17.5670, -37.5450

# Conversions

## Conversions Part 2

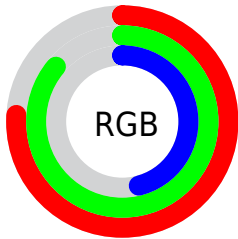
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 220, 143
Decimal	12770421
CIELab	83.93, -24.31, 47.46
CIELCh	84, 53.327, 117.125
Yxy	63.9401, 0.3609, 0.4520
Android (android.graphics.Color)	4290960501 (0xFFC2DC75)
YUV	200.4840, -41.1576, -5.6865
Hunter-Lab	79.9625, -25.9708, 36.3392

# Details

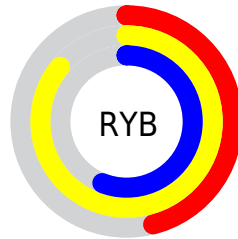
The Hex color **C2DC75** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8F75DC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FCFFAB**, and **8AA541** is the 20% darker color. If you saturate the color by 10%, you get **BCDC5F**, and if you desaturate by 10%, it is **C8DC8B**.

# Distribution



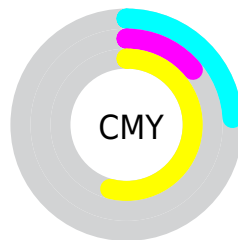
- Red (76%)
- Green (86%)
- Blue (46%)



- Red (46%)
- Yellow (86%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (47%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2DC75 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 C2DC75 by changing the saturation by 10% instead.



 C2DC75

FFFFFF

 FCFFAB

 FFFFC7

 FFFFE3

 C2DC75

 A6C05B

 8AA541

 708B27

 567108

 3C5800

 234100

 062B00

 001600

 000000

 C2DC75

 C2DC75

 BCDC5F

 C8DC8B

 B7DC49

 CDDCA1

 B1DC33

 D3DCB7

 ACDC1D

 D8DCCD

 A6DC07

 DEDCE3

 A4DC00

 E3DCF9

 E9DCFF

 EEDCFF

 F4DCFF

# Harmonies

## Analogous

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



F5CD6B



C2DC75



85E699

# Triad

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



C2DC75



00E4FF



FFA9D8

# Complementary

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



C2DC75



8F75DC

# 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.



FFB3FF



C2DC75



73D8FF

# Square

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



C2DC75



00EBFE



CEC6FF



FFACA6

# Rectangle

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



C2DC75



4EEAB9



CEC6FF



FFABE9



# Sweetspot

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



C2DC75



F6FFDB



DC8F75



7A806A



000000



808080



# Same Dimension

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



C2DC75



DBFF70



8FDC75



6B6E63



82AD00



222E00



# Inverse Universe

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



8F75DC



9470FF



C275DC



65636E



2C00AD



0C002E



# Previews

## White Background



This preview shows how the Hex color C2DC75 looks on a white background.

## Color Contrast Check

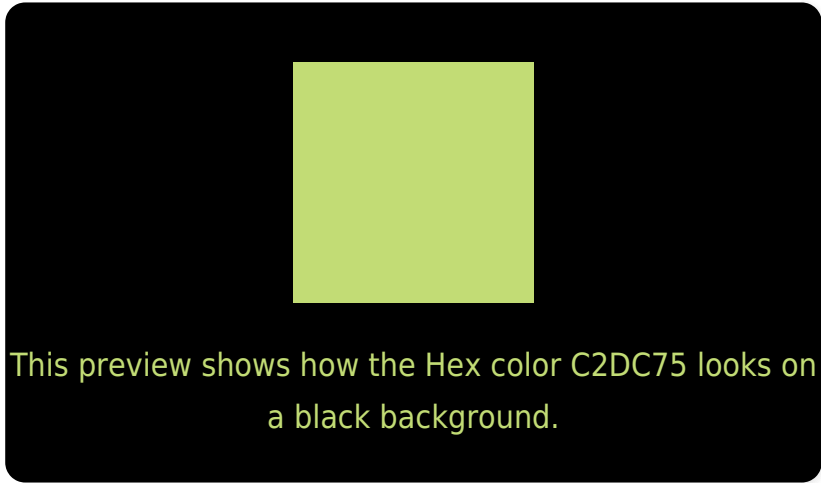
Large Text (above 18pt) WCAG AA × Fail

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 C2DC75 Background



This preview shows how black text looks on a background with the Hex color C2DC75.

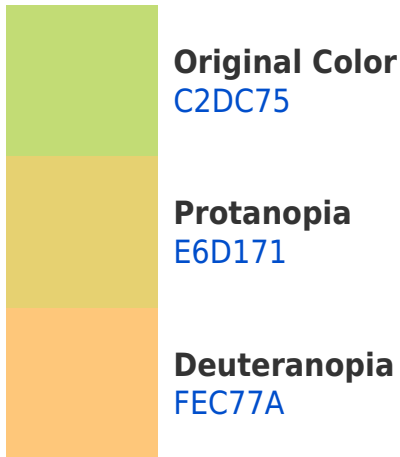


This preview shows how white text looks on a background with the Hex color C2DC75.

# Color Blindness Simulation

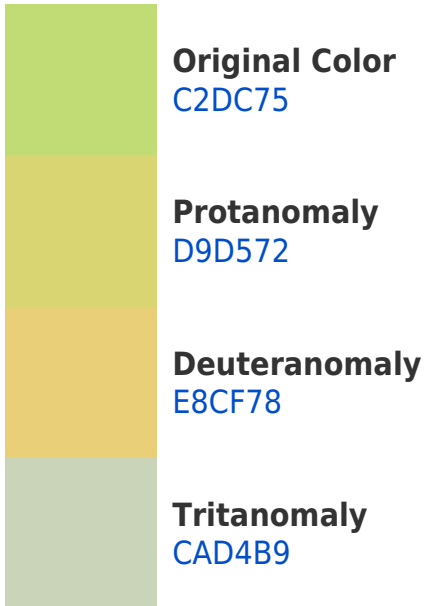
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

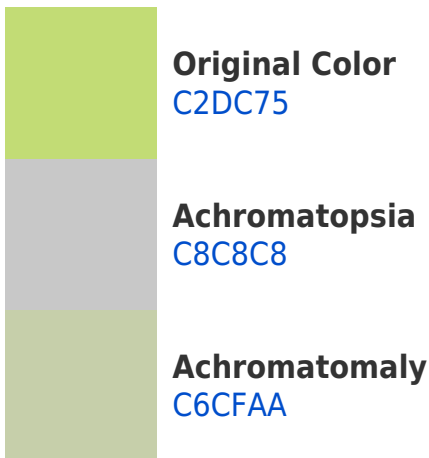




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2DC75 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 #C2DC75 looks like.

```
.text, #text, p{  
    color:#C2DC75  
}
```

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 #C2DC75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2DC75
}
```

## Border

The CSS property to change the border of an element to Hex C2DC75 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
#C2DC75 }
```

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

```
.border{ border-color:#C2DC75 }
```

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

Here you see how a box with a 4 pixel #C2DC75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2DC75; -webkit-box-shadow:4px 4px  
4px 4px #C2DC75; box-shadow:4px 4px 4px  
4px #C2DC75 }
```

# Background

The CSS property to change the background color of an element to Hex C2DC75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2DC75 }
```

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

```
.background{ background-color:#C2DC75 }
```

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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