

# Converting Colors

Hex(CDD965)

Have a look what the booklet for  
Hex(CDD965) contains.

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# **Color**

**Hex(CDD965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD965
RGB	205, 217, 101
RGB Percent	80%, 85%, 40%
CMY	0.1961, 0.1490, 0.6039
CMYK	0.06, 0.00, 0.53, 0.15
HSL	66°, 60%, 62%
HSV	66°, 53%, 85%
XYZ	52.3387, 63.5444, 21.8187
YIQ	200.1880, 30.0840, -38.6200

# Conversions

## Conversions Part 2

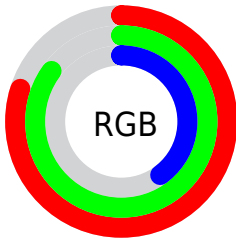
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 217, 113
Decimal	13490533
CIELab	83.73, -20.04, 54.91
CIELCh	84, 58.451, 110.048
Yxy	63.5444, 0.3801, 0.4615
Android (android.graphics.Color)	4291680613 (0xFFCDD965)
YUV	200.1880, -48.8997, 4.2201
Hunter-Lab	79.7148, -22.3023, 39.5721

# Details

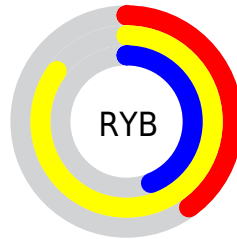
The Hex color **CDD965** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7165D9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF99B**, and **94A230** is the 20% darker color. If you saturate the color by 10%, you get **CBD94F**, and if you desaturate by 10%, it is **CFD97B**.

# Distribution



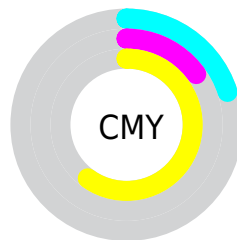
- Red (80%)
- Green (85%)
- Blue (40%)



- Red (40%)
- Yellow (85%)
- Blue (44%)



- Cyan (6%)
- Magenta (0%)
- Yellow (53%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDD965 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 CDD965 by changing the saturation by 10% instead.



 CDD965

 CDD965

FFFFFF

 B0BD4B

 FFFF9B

 94A230

 FFFFB7

 798810

 FFFFD3

 5E6F00

 FFFFF0

 445600

 2A3F00

 102900

 001500

 000000

 CDD965

 CDD965

 CBD94F

 CFD97B

 C9D93A

 D1D990

 C6D924

 D4D9A6

 C4D90E

 D6D9BC

 C3D900

 D8D9D2

 DAD9E7

 DDD9FD

 DFD9FF

 E1D9FF

# Harmonies

## Analogous

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



FFC762



CDD965



8DE587

# Triad

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



CDD965



00E8FF



FFA4E5

# Complementary

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



CDD965



7165D9

# 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.



FFB4FF



CDD965



2CDCFF

# Square

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



CDD965



00EDF5



B7C9FF



FFA4AE

# Rectangle

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



CDD965



52EAA9



B7C9FF



FFA8F8

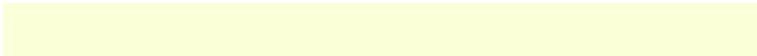


# Sweetspot

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



CDD965



FBFFD6



D97165



7D8067



000000



808080



# Same Dimension

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



CDD965



EEFF5C



93D965



6D6E63



9BAD00



292E00



# Inverse Universe

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



7165D9



6D5CFF



AB65D9



64636E



1200AD



05002E



# Previews

## White Background



This preview shows how the Hex color CDD965 looks on a white background.

## Color Contrast Check

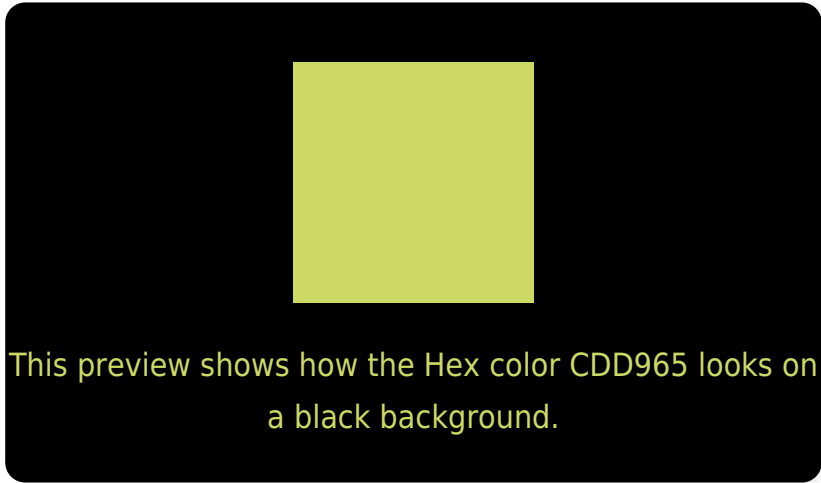
Large Text (above 18pt) WCAG AA × Fail

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 CDD965 Background



This preview shows how black text looks on a background with the Hex color CDD965.

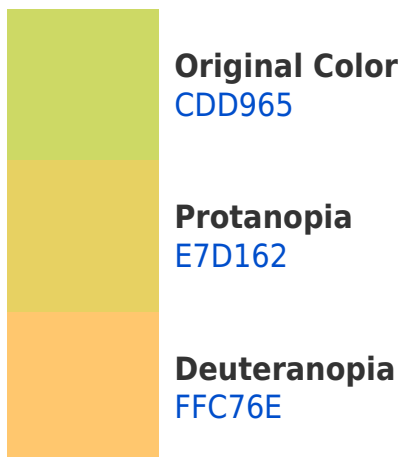


This preview shows how white text looks on a background with the Hex color CDD965.

# Color Blindness Simulation

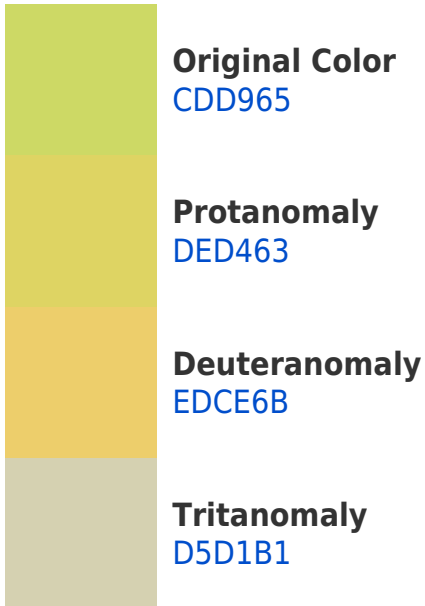
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

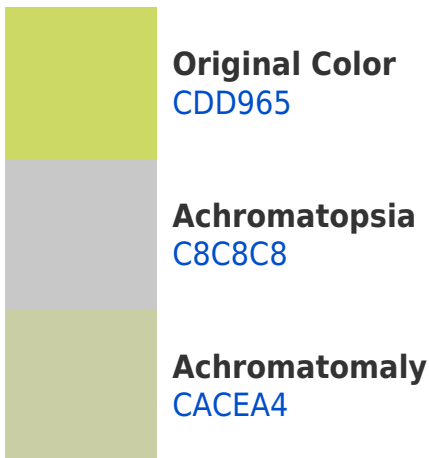




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDD965 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 #CDD965 looks like.

```
.text, #text, p{  
    color:#CDD965  
}
```

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 #CDD965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD965
}
```

## Border

The CSS property to change the border of an element to Hex CDD965 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
#CDD965 }
```

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

```
.border{ border-color:#CDD965 }
```

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

Here you see how a box with a 4 pixel #CDD965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD965; -webkit-box-shadow:4px 4px  
4px 4px #CDD965; box-shadow:4px 4px 4px  
4px #CDD965 }
```

# Background

The CSS property to change the background color of an element to Hex CDD965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD965 }
```

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

```
.background{ background-color:#CDD965 }
```

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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