

# Converting Colors

Hex(C5D978)

Have a look what the booklet for  
Hex(C5D978) contains.

<b>Hex(C5D978)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C5D978)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D978
RGB	197, 217, 120
RGB Percent	77%, 85%, 47%
CMY	0.2275, 0.1490, 0.5294
CMYK	0.09, 0.00, 0.45, 0.15
HSL	72°, 56%, 66%
HSV	72°, 45%, 85%
XYZ	51.2290, 62.8521, 27.2009
YIQ	199.9620, 19.2170, -34.4070

# Conversions

## Conversions Part 2

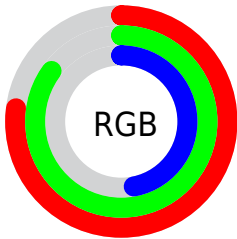
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	120, 217, 140
Decimal	12966264
CIE Lab	83.36, -21.39, 45.36
CIE LCh	83, 50.146, 115.246
Yxy	62.8521, 0.3626, 0.4449
Android (android.graphics.Color)	4291156344 (0xFFC5D978)
YUV	199.9620, -39.4213, -2.5977
Hunter-Lab	79.2793, -23.3951, 35.1530

# Details

The Hex color **C5D978** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8C78D9**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFFAE**, and **8EA245** is the 20% darker color. If you saturate the color by 10%, you get **C1D962**, and if you desaturate by 10%, it is **C9D98E**.

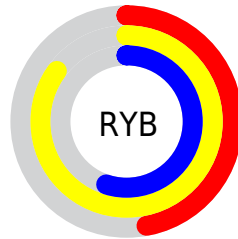
# Distribution



Red (77%)

Green (85%)

Blue (47%)



Red (47%)

Yellow (85%)

Blue (55%)

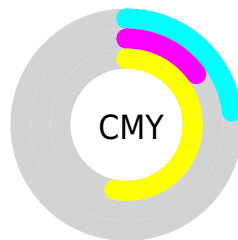


Cyan (9%)

Magenta (0%)

Yellow (45%)

Black (15%)



Cyan (23%)

Magenta (15%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5D978 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 C5D978 by changing the saturation by 10% instead.



 C5D978

FFFFFF

 FFFFAE

 FFFPCA

 FFFFEE

 C5D978

 A9BD5E

 8EA245

 73882B

 596F0F

 3F5600

 273F00

 0C2900

 001400

 000000

 C5D978

 C5D978

 C1D962

 C9D98E

 BCD94D

 CED9A3

 B8D937

 D2D9B9

 B3D921

 D7D9CF

 AFD90B

 DBD9E5

 ACD900

 E0D9FA

 E4D9FF

 E9D9FF

 EDD9FF

# Harmonies

## Analogous

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



F4CA70



C5D978



8DE398

# Triad

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



C5D978



00E2FF



FFAAD9

# Complementary

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



C5D978



8C78D9

# 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.



FFB5FF



C5D978



75D7FF

# Square

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



C5D978



00E8F6



C9C6FF



FFACAA

# Rectangle

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



C5D978



5FE7B6



C9C6FF



FFADE9

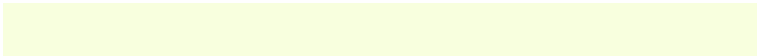


# Sweetspot

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



C5D978



F8FFDE



D98B78



7B806B



000000



808080



# Same Dimension

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



C5D978



E3FF75



95D978



6B6E63



8AAD00



242E00



# Inverse Universe

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



8C78D9



9275FF



BC78D9



65636E



2400AD

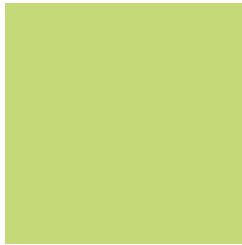


09002E



# Previews

## White Background



This preview shows how the Hex color C5D978 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 C5D978 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 C5D978 Background



This preview shows how black text looks on a background with the Hex color C5D978.

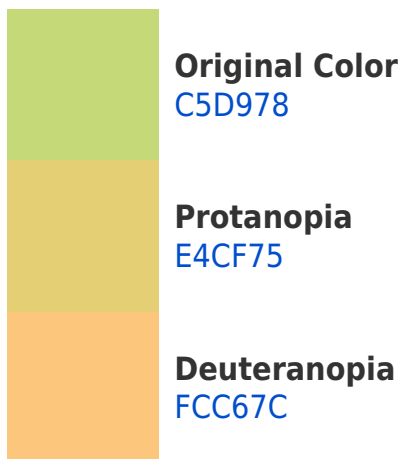


This preview shows how white text looks on a background with the Hex color C5D978.

# Color Blindness Simulation

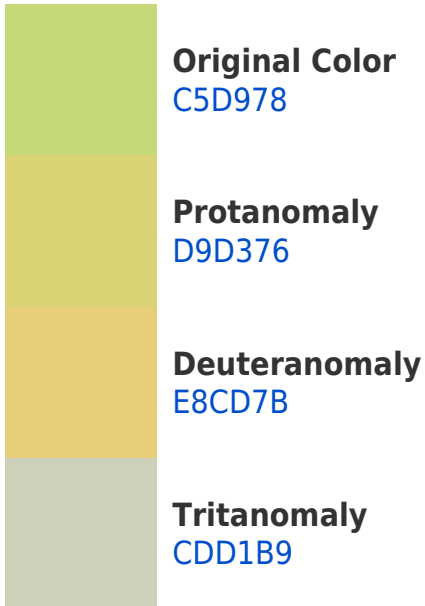
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

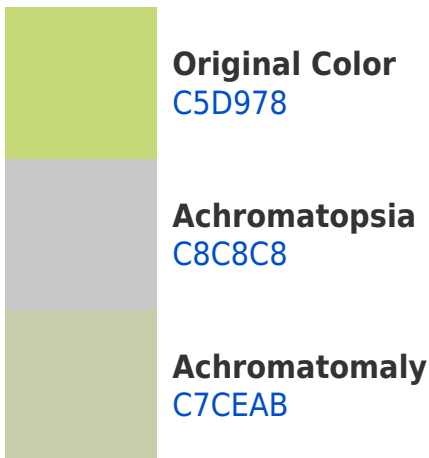




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5D978 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 #C5D978 looks like.

```
.text, #text, p{  
    color:#C5D978  
}
```

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 #C5D978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D978
}
```

## Border

The CSS property to change the border of an element to Hex C5D978 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
#C5D978 }
```

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

```
.border{ border-color:#C5D978 }
```

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

Here you see how a box with a 4 pixel #C5D978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D978; -webkit-box-shadow:4px 4px  
4px 4px #C5D978; box-shadow:4px 4px 4px  
4px #C5D978 }
```

# Background

The CSS property to change the background color of an element to Hex C5D978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D978 }
```

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

```
.background{ background-color:#C5D978 }
```

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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