

# Converting Colors

Hex(C9D172)

Have a look what the booklet for  
Hex(C9D172) contains.

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**Color**

**Hex(C9D172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9D172
RGB	201, 209, 114
RGB Percent	79%, 82%, 45%
CMY	0.2118, 0.1804, 0.5529
CMYK	0.04, 0.00, 0.45, 0.18
HSL	65°, 51%, 63%
HSV	65°, 45%, 82%
XYZ	49.9251, 59.2333, 24.7214
YIQ	195.7780, 25.7270, -31.2410

# Conversions

## Conversions Part 2

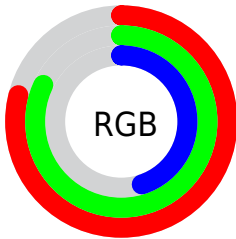
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 209, 122
Decimal	13226354
CIELab	81.42, -16.49, 45.95
CIELCh	81, 48.821, 109.737
Yxy	59.2333, 0.3729, 0.4424
Android (android.graphics.Color)	4291416434 (0xFFC9D172)
YUV	195.7780, -40.3166, 4.5797
Hunter-Lab	76.9632, -18.8948, 34.8296

# Details

The Hex color **C9D172** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A72D1**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFA8**, and **919B3F** is the 20% darker color. If you saturate the color by 10%, you get **C7D15D**, and if you desaturate by 10%, it is **CBD187**.

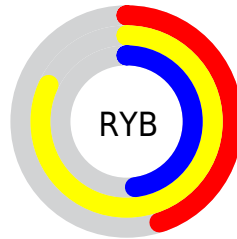
# Distribution



Red (79%)

Green (82%)

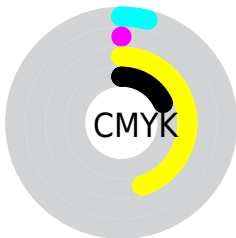
Blue (45%)



Red (45%)

Yellow (82%)

Blue (48%)

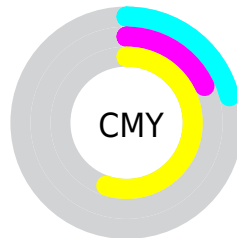


Cyan (4%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (21%)

Magenta (18%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9D172 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 C9D172 by changing the saturation by 10% instead.



 C9D172

FFFFFF

 FFFFA8

 FFFFC3

 FFFFEO

FFFFFFD

 C9D172

 ADB558

 919B3F

 768125

 5C6806

 435000

 2A3900

 112300

 000A00

 000000

 C9D172

 C9D172

 C7D15D

 CBD187

 C5D148

 CDD19C

 C4D133

 CED1B1

 C2D11E

 D0D1C6

 C0D10A

 D2D1DB

 BFD100

 D4D1EF

 D5D1FF

 D7D1FF

 D9D1FF

# Harmonies

## Analogous

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



F5C270



C9D172



94DC8D

# Triad

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



C9D172



00DEFF



FFA7DC

# Complementary

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



C9D172



7A72D1

# 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.



F4B3FF



C9D172



61D4FF

# Square

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



C9D172



00E2E8



B7C4FF



FFA7AE

# Rectangle

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



C9D172



6BE0A9



B7C4FF



FFAAEB



# Sweetspot

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



C9D172



FCFFDB



D17A72



7E806A



000000



808080



# Same Dimension

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



C9D172



F3FF73



9AD172



68695E



9AA800



252900



# Inverse Universe

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



7A72D1



7F73FF



A972D1



5F5E69



0E00A8



030029



# Previews

## White Background



This preview shows how the Hex color C9D172 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 C9D172 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

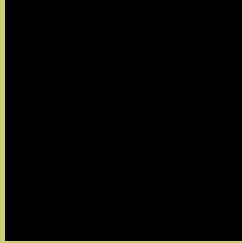
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C9D172 Background



This preview shows how black text looks on a background with the Hex color C9D172.

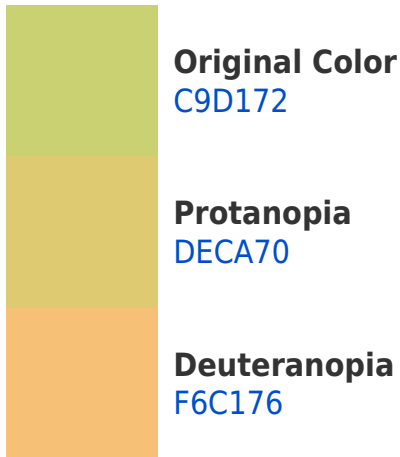


This preview shows how white text looks on a background with the Hex color C9D172.

# 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**  
D4C6D5

# Trichromacy



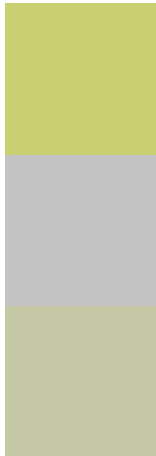
**Original Color**  
C9D172

**Protanomaly**  
D6CD71

**Deuteranomaly**  
E6C775

**Tritanomaly**  
D0CAB1

# Monochromacy



**Original Color**  
C9D172

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C6C9A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9D172 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 #C9D172 looks like.

```
.text, #text, p{  
    color:#C9D172  
}
```

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 #C9D172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D172
}
```

## Border

The CSS property to change the border of an element to Hex C9D172 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
#C9D172 }
```

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

```
.border{ border-color:#C9D172 }
```

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

Here you see how a box with a 4 pixel #C9D172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D172; -webkit-box-shadow:4px 4px  
4px 4px #C9D172; box-shadow:4px 4px 4px  
4px #C9D172 }
```

# Background

The CSS property to change the background color of an element to Hex C9D172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D172 }
```

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

```
.background{ background-color:#C9D172 }
```

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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