

Converting Colors

Hex(D9C471)

Have a look what the booklet for
Hex(D9C471) contains.

| | |
|--|----|
| Hex(D9C471) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(D9C471)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9C471 |
| RGB | 217, 196, 113 |
| RGB Percent | 85%, 77%, 44% |
| CMY | 0.1490, 0.2314, 0.5569 |
| CMYK | 0.00, 0.10, 0.48, 0.15 |
| HSL | 48°, 58%, 65% |
| HSV | 48°, 48%, 85% |
| XYZ | 51.3358, 55.4238, 23.6150 |
| YIQ | 192.8170, 39.1590, -21.3610 |

Conversions

Conversions Part 2

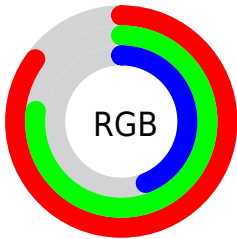
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 139, 217, 113 |
| Decimal | 14271601 |
| CIELab | 79.28, -3.52, 44.12 |
| CIELCh | 79, 44.261, 94.561 |
| Yxy | 55.4238, 0.3938, 0.4251 |
| Android (android.graphics.Color) | 4292461681 (0xFFD9C471) |
| YUV | 192.8170, -39.3498, 21.2085 |
| Hunter-Lab | 74.4472, -7.1960, 33.3060 |

Details

The Hex color **D9C471** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7186D9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFCA6**, and **A08F3E** is the 20% darker color. If you saturate the color by 10%, you get **D9C05B**, and if you desaturate by 10%, it is **D9C887**.

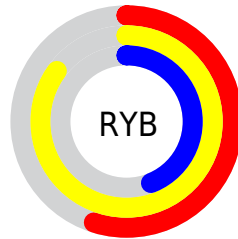
Distribution



Red (85%)

Green (77%)

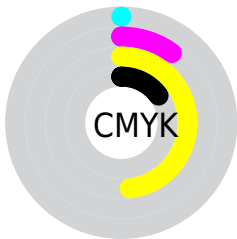
Blue (44%)



Red (55%)

Yellow (85%)

Blue (44%)

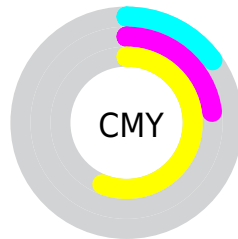


Cyan (0%)

Magenta (10%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (23%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9C471 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 D9C471 by changing the saturation by 10% instead.



D9C471



D9C471

FFFFFF



BCA957



FFCA6



A08F3E



FFFFC2



857525



FFFDE



6A5D09



FFFFB



504500



362F00



1E1B00



000000



D9C471



D9C471

 D9C05B

 D9C887

 D9BB46

 D9CD9C

 D9B730

 D9D1B2

 D9B21A

 D9D6C8

 D9AE04

 D9DADE

 D9AD00

 D9DEF3

 D9E3FF

 D9E7FF

 D9EBFF

Harmonies

Analogous

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



FCB67B



D9C471



ADD07F

Triad

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



D9C471



00D9F2



FDAAE9

Complementary

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



D9C471



7186D9

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.



D1B7FF



D9C471



40D2FF

Square

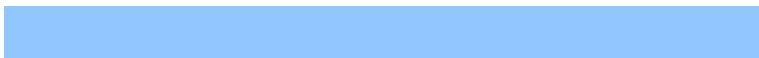
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D9C471



39DACA



91C6FF



FFA4C0

Rectangle

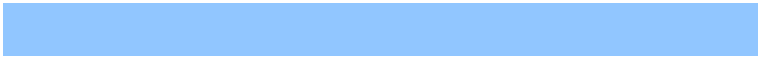
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9C471



8CD593



91C6FF



F1AEF5

Sweetspot

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



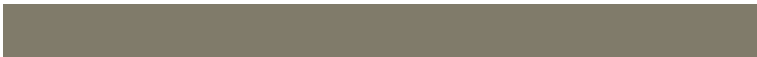
D9C471



FFF8DB



D97188



807B6A



000000



808080

Same Dimension

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



D9C471



FFE16B



BCD971



6E6B63



AD8A00



2E2500

Inverse Universe

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



7186D9



6B89FF



8E71D9



63656E



0023AD



00092E

Previews

White Background



This preview shows how the Hex color D9C471 looks on a white background.

Color Contrast Check

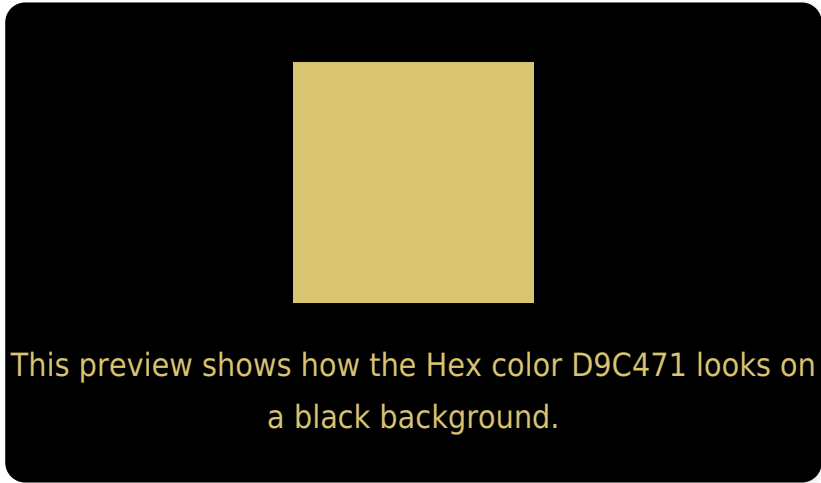
Large Text (above 18pt) WCAG AA × Fail

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 D9C471 Background



This preview shows how black text looks on a background with the Hex color D9C471.

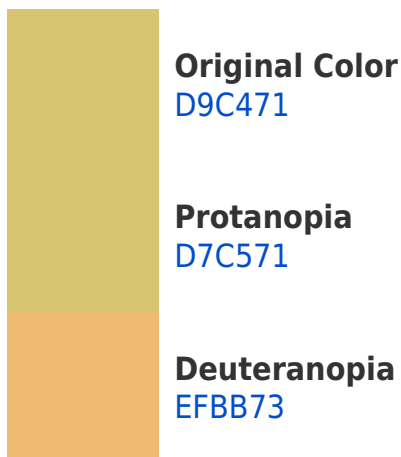



This preview shows how white text looks on a background with the Hex color D9C471.

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](#).

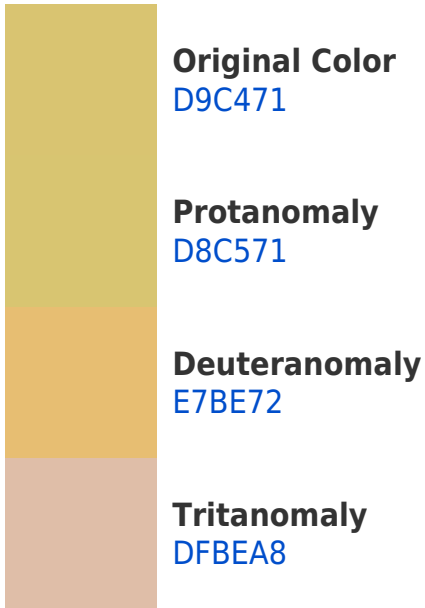
Dichromacy



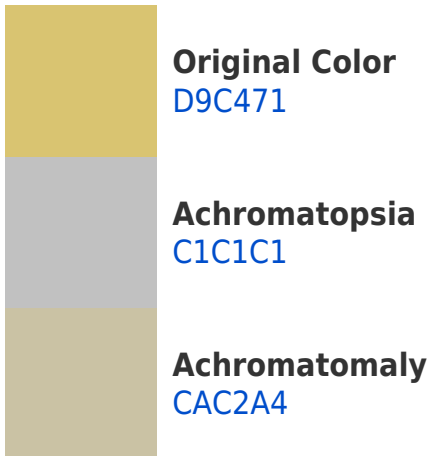


Tritanopia
E2BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9C471 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 #D9C471 looks like.

```
.text, #text, p{  
    color:#D9C471  
}
```

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 #D9C471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9C471
}
```

Border

The CSS property to change the border of an element to Hex D9C471 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
#D9C471 }
```

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

```
.border{ border-color:#D9C471 }
```

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

Here you see how a box with a 4 pixel #D9C471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9C471; -webkit-box-shadow:4px 4px  
4px 4px #D9C471; box-shadow:4px 4px 4px  
4px #D9C471 }
```

Background

The CSS property to change the background color of an element to Hex D9C471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9C471 }
```

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

```
.background{ background-color:#D9C471 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor