

Converting Colors

Hex(DC9D71)

Have a look what the booklet for
Hex(DC9D71) contains.

Hex(DC9D71)	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(DC9D71)

Conversions

Conversions Part 1

Format	Color
Hex	DC9D71
RGB	220, 157, 113
RGB Percent	86%, 62%, 44%
CMY	0.1373, 0.3843, 0.5569
CMYK	0.00, 0.29, 0.49, 0.14
HSL	25°, 60%, 65%
HSV	25°, 49%, 86%
XYZ	44.5528, 40.5218, 21.0961
YIQ	170.8210, 51.6720, -0.3280

Conversions

Conversions Part 2

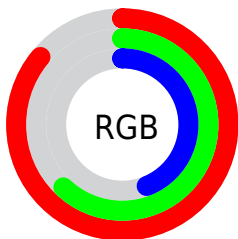
Format	Color
RYB	220, 188, 113
Decimal	14458225
CIELab	69.84, 18.40, 32.27
CIELCh	70, 37.149, 60.303
Yxy	40.5218, 0.4196, 0.3817
Android (android.graphics.Color)	4292648305 (0xFFDC9D71)
YUV	170.8210, -28.5058, 43.1300
Hunter-Lab	63.6568, 13.5312, 24.9108

Details

The Hex color **DC9D71** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71B0DC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD4A5**, and **A26A40** is the 20% darker color. If you saturate the color by 10%, you get **DC905B**, and if you desaturate by 10%, it is **DCAA87**.

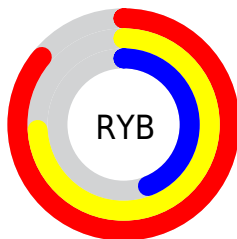
Distribution



Red (86%)

Green (62%)

Blue (44%)



Red (86%)

Yellow (74%)

Blue (44%)

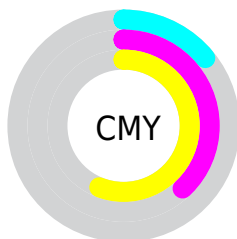


Cyan (0%)

Magenta (29%)

Yellow (49%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9D71 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 DC9D71 by changing the saturation by 10% instead.

 DC9D71

 DC9D71

FFFFFF

 BF8358

 FFD4A5

 A26A40

 FFF0C1

 865129

 FFFFDD

 6B3A13

 FFFFF9

 512400

 360F00

 1F0001

 000000

 DC9D71

 DC9D71

 DC905B

 DCAA87

 DC8345

 DCB79D

 DC762F

 DCC4B3

 DC6919

 DCD1C9

 DC5C03

 DCDEDF

 DC5A00

 DCEBF5

 DCF8FF

 DCFFFF

Harmonies

Analogous

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



EB938A



DC9D71



C1A967

Triad

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



DC9D71



48BDAA



AFA2E5

Complementary

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



DC9D71



71B0DC

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.



7BAEEE



DC9D71



1FBCCC

Square

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



DC9D71



75BA88



40B7E4



D596CD

Rectangle

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



DC9D71



AAB06A



40B7E4



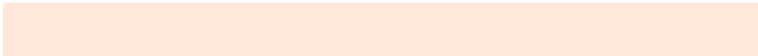
9FA6EA

Sweetspot

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



DC9D71



FFE8D9



DC71B1



807269



000000



808080

Same Dimension

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



DC9D71



FFA86B



DCD171



6E6763



AD4700



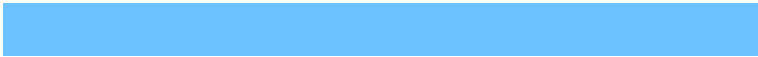
2E1300

Inverse Universe

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



71B0DC



6BC2FF



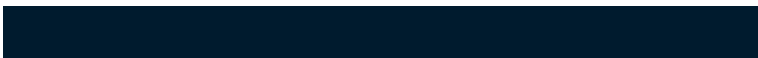
717CDC



63696E



0066AD



001B2E

Previews

White Background



This preview shows how the Hex color DC9D71 looks on a white background.

Color Contrast Check

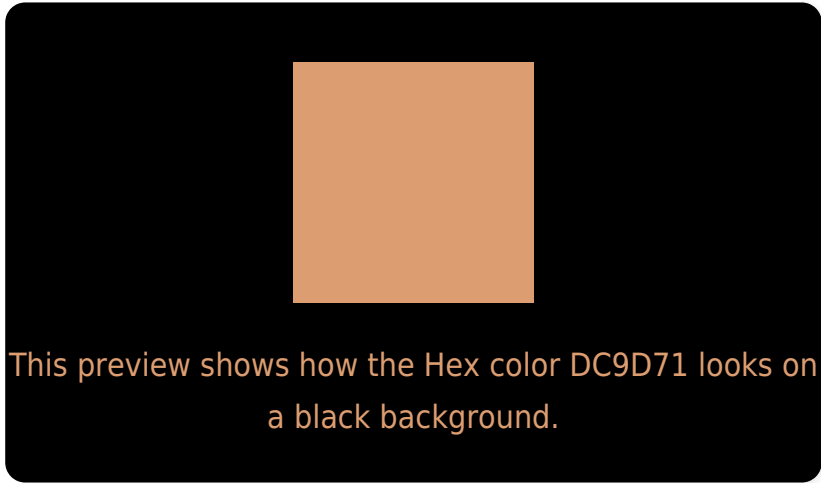
Large Text (above 18pt) WCAG AA × Fail

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

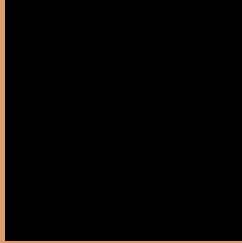
Any Text WCAG AA ✓ Pass

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 DC9D71 Background



This preview shows how black text looks on a background with the Hex color DC9D71.

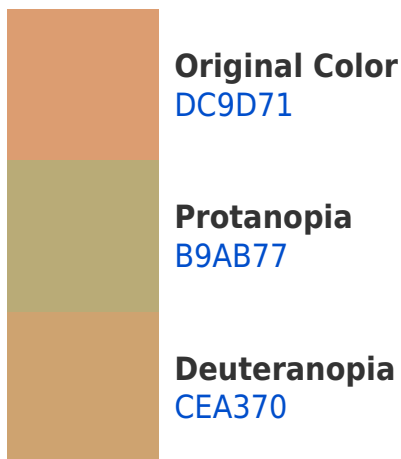


This preview shows how white text looks on a background with the Hex color DC9D71.

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](#).

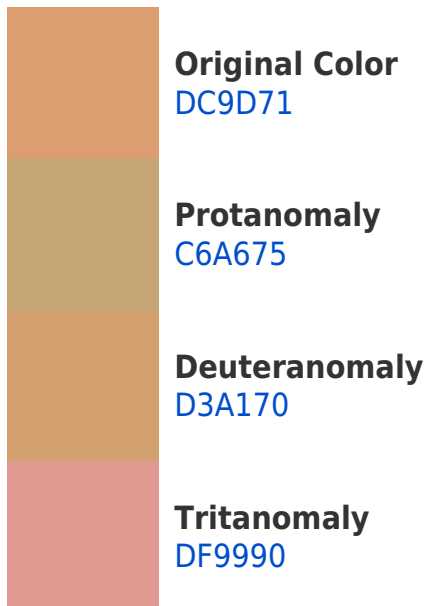
Dichromacy





Tritanopia
E097A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9D71 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 #DC9D71 looks like.

```
.text, #text, p{  
    color:#DC9D71  
}
```

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 #DC9D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9D71  
}
```

Border

The CSS property to change the border of an element to Hex DC9D71 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  
#DC9D71 }
```

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

```
.border{ border-color:#DC9D71 }
```

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

Here you see how a box with a 4 pixel #DC9D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9D71; -webkit-box-shadow:4px 4px  
4px 4px #DC9D71; box-shadow:4px 4px 4px  
4px #DC9D71 }
```

Background

The CSS property to change the background color of an element to Hex DC9D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9D71 }
```

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

```
.background{ background-color:#DC9D71 }
```

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