

Converting Colors

Hex(D9937C)

Have a look what the booklet for
Hex(D9937C) contains.

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Color

Hex(D9937C)

Conversions

Conversions Part 1

Format	Color
Hex	D9937C
RGB	217, 147, 124
RGB Percent	85%, 58%, 49%
CMY	0.1490, 0.4235, 0.5137
CMYK	0.00, 0.32, 0.43, 0.15
HSL	15°, 55%, 67%
HSV	15°, 43%, 85%
XYZ	42.6871, 37.0744, 23.9750
YIQ	165.3080, 49.1030, 7.6870

Conversions

Conversions Part 2

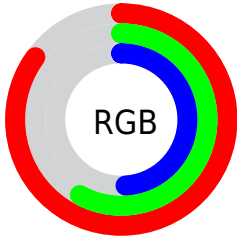
Format	Color
R _Y B	217, 155, 124
Decimal	14259068
CIE Lab	67.33, 23.71, 22.91
CIE LCh	67, 32.968, 44.012
Yxy	37.0744, 0.4115, 0.3574
Android (android.graphics.Color)	4292449148 (0xFFD9937C)
YUV	165.3080, -20.3648, 45.3339
Hunter-Lab	60.8887, 18.5851, 19.2766

Details

The Hex color **D9937C** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7CC2D9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC9B1**, and **A0604B** is the 20% darker color. If you saturate the color by 10%, you get **D98366**, and if you desaturate by 10%, it is **D9A392**.

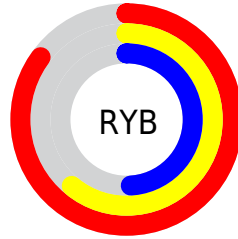
Distribution



Red (85%)

Green (58%)

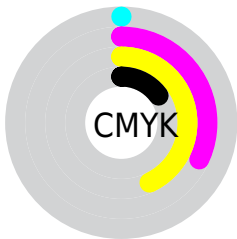
Blue (49%)



Red (85%)

Yellow (61%)

Blue (49%)

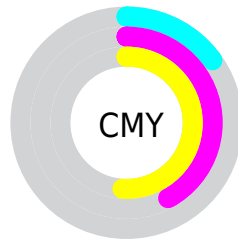


Cyan (0%)

Magenta (32%)

Yellow (43%)

Black (15%)



Cyan (15%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9937C 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 D9937C by changing the saturation by 10% instead.

 D9937C

 D9937C

FFFFFF

 BC7963

 FFC9B1

 A0604B

 FFE6CC

 844834

 FFFFE8

 69301E

 4E1A08

 340400

 190001

 000000

 D9937C

 D9937C

 D98366

 D9A392

 D97251

 D9B4A7

 D9623B

 D9C4BD

 D95225

 D9D4D3

 D9410F

 D9E5E9

 D93600

 D9F5FE

 D9FFFF

Harmonies

Analogous

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



DF8E97



D9937C



C69D6B

Triad

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



D9937C



65B393



91A2DD

Complementary

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



D9937C



7CC2D9

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.



62ABDC



D9937C



43B4B1

Square

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



D9937C



89AE78



3DB2CC



B997CF

Rectangle

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



D9937C



B4A368



3DB2CC



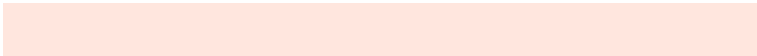
81A5DF

Sweetspot

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



D9937C



FFE6DE



D97CC3



80706B



000000



808080

Same Dimension

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



D9937C



FF9D7D



D9C07C



6E6563



AD2B00



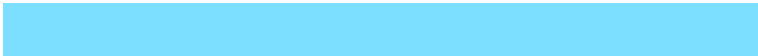
2E0B00

Inverse Universe

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



7CC2D9



7DDFFF



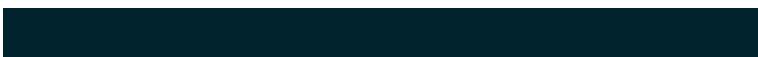
7C95D9



636B6E



0083AD



00232E

Previews

White Background



This preview shows how the Hex color D9937C looks on a white background.

Color Contrast Check

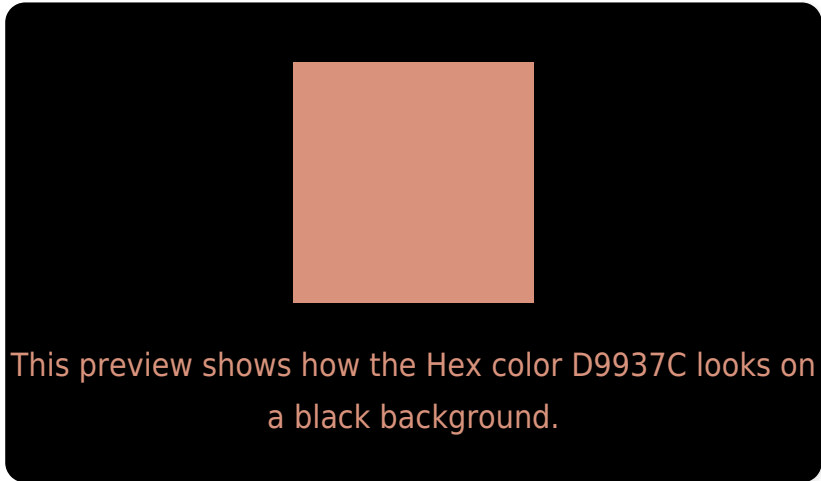
Large Text (above 18pt) WCAG AA × Fail

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 D9937C Background



This preview shows how black text looks on a background with the Hex color D9937C.



This preview shows how white text looks on a background with the Hex color D9937C.

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



Original Color
D9937C

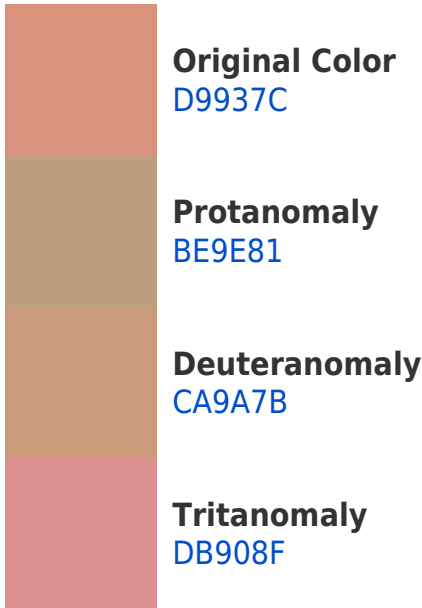
Protanopia
AEA484

Deuteranopia
C29E7A

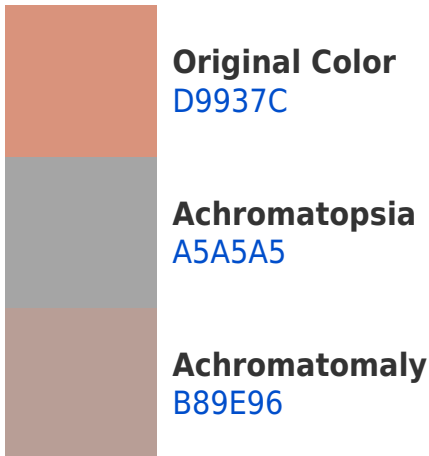


Tritanopia
DC8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9937C 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 #D9937C looks like.

```
.text, #text, p{  
    color:#D9937C  
}
```

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 #D9937C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9937C
}
```

Border

The CSS property to change the border of an element to Hex D9937C 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
#D9937C }
```

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

```
.border{ border-color:#D9937C }
```

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

Here you see how a box with a 4 pixel #D9937C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9937C; -webkit-box-shadow:4px 4px  
4px 4px #D9937C; box-shadow:4px 4px 4px  
4px #D9937C }
```

Background

The CSS property to change the background color of an element to Hex D9937C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9937C }
```

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

```
.background{ background-color:#D9937C }
```

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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