

Converting Colors

Hex(D9942C)

Have a look what the booklet for
Hex(D9942C) contains.

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Color

Hex(D9942C)

Conversions

Conversions Part 1

Format	Color
Hex	D9942C
RGB	217, 148, 44
RGB Percent	85%, 58%, 17%
CMY	0.1490, 0.4196, 0.8275
CMYK	0.00, 0.32, 0.80, 0.15
HSL	36°, 69%, 51%
HSV	36°, 80%, 85%
XYZ	39.6598, 36.1134, 7.2632
YIQ	156.7750, 74.5080, -17.7160

Conversions

Conversions Part 2

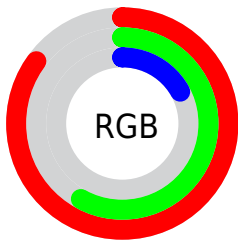
Format	Color
R _{YB}	159, 217, 44
Decimal	14259244
CIE Lab	66.61, 17.57, 61.31
CIE LCh	67, 63.780, 74.012
Yxy	36.1134, 0.4776, 0.4349
Android (android.graphics.Color)	4292449324 (0xFFD9942C)
YUV	156.7750, -55.5981, 52.8173
Hunter-Lab	60.0944, 12.6374, 34.9002

Details

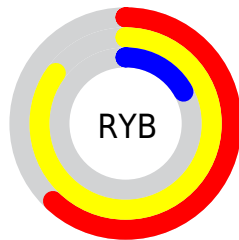
The Hex color **D9942C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2C71D9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFCA62**, and **9D6100** is the 20% darker color. If you saturate the color by 10%, you get **D98B16**, and if you desaturate by 10%, it is **D99D42**.

Distribution



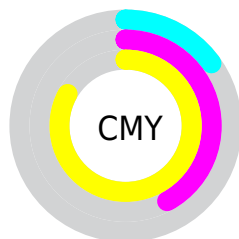
- Red (85%)
- Green (58%)
- Blue (17%)



- Red (62%)
- Yellow (85%)
- Blue (17%)



- Cyan (0%)
- Magenta (32%)
- Yellow (80%)
- Black (15%)



- Cyan (15%)
- Magenta (42%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9942C 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 D9942C by changing the saturation by 10% instead.

 D9942C

 D9942C

FFFFFF

 BB7A09

 FFCA62

 9D6100

 FFE67D

 804A00

 FFFF98

 633300

 FFFFB4

 471D00

 FFFF00

 2D0800

 FFFFED

 080000

 000000

 D9942C

 D9942C

 D98B16

 D99D42

 D98301

 D9A557

 D98200

 D9AE6D

 D9B783

 D9BF98

 D9C8AE

 D9D1C4

 D9D9DA

 D9E2EF

Harmonies

Analogous

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



FD7D54



D9942C



A6A825

Triad

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



D9942C



00BEBC



C787F5

Complementary

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



D9942C



2C71D9

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.



659FFF



D9942C



00BBF1

Square

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



D9942C



00BB80



00B1FF



FA71C3

Rectangle

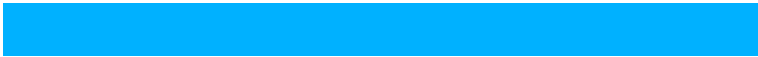
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9942C



7DB13B



00B1FF



AE8FFF

Sweetspot

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



D9942C



FFE7C2



D92C71



80715B



000000



808080

Same Dimension

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



D9942C



FF9D0A



C8D92C



6E6963



AD6800



2E1C00

Inverse Universe

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



2C71D9



0A6CFF



3D2CD9



63676E



0045AD



00122E

Previews

White Background



This preview shows how the Hex color D9942C looks on a white background.

Color Contrast Check

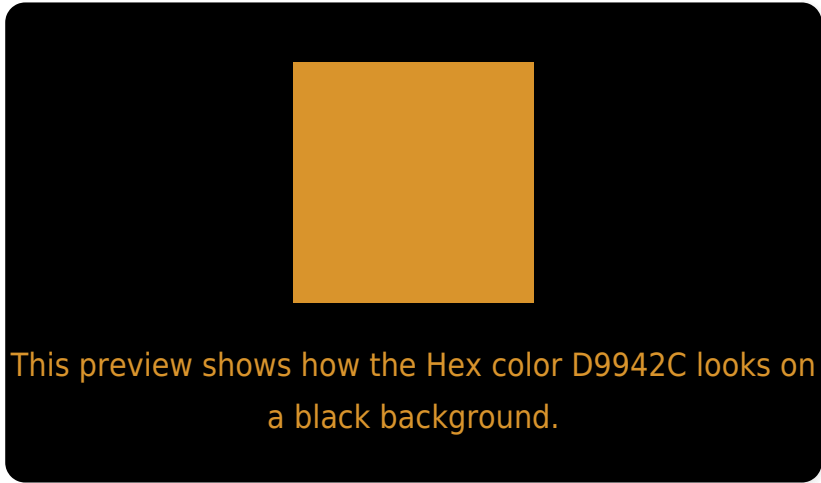
Large Text (above 18pt) WCAG AA × Fail

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 D9942C Background



This preview shows how black text looks on a background with the Hex color D9942C.

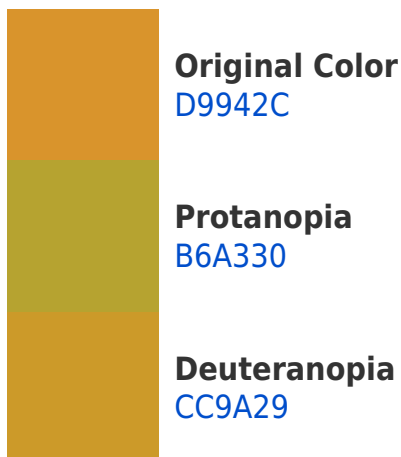



This preview shows how white text looks on a background with the Hex color D9942C.

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](#).

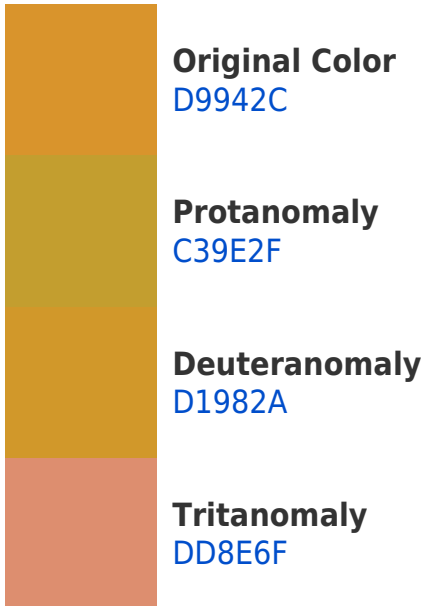
Dichromacy



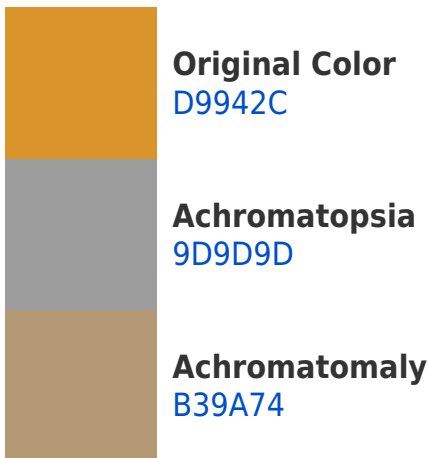


Tritanopia
DF8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9942C 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 #D9942C looks like.

```
.text, #text, p{  
    color:#D9942C  
}
```

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 #D9942C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9942C
}
```

Border

The CSS property to change the border of an element to Hex D9942C 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
#D9942C }
```

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

```
.border{ border-color:#D9942C }
```

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

Here you see how a box with a 4 pixel #D9942C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9942C; -webkit-box-shadow:4px 4px  
4px 4px #D9942C; box-shadow:4px 4px 4px  
4px #D9942C }
```

Background

The CSS property to change the background color of an element to Hex D9942C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9942C }
```

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

```
.background{ background-color:#D9942C }
```

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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