

Converting Colors

Hex(D99944)

Have a look what the booklet for
Hex(D99944) contains.

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Color

Hex(D99944)

Conversions

Conversions Part 1

Format	Color
Hex	D99944
RGB	217, 153, 68
RGB Percent	85%, 60%, 27%
CMY	0.1490, 0.4000, 0.7333
CMYK	0.00, 0.29, 0.69, 0.15
HSL	34°, 66%, 56%
HSV	34°, 69%, 85%
XYZ	41.0499, 37.9515, 10.6307
YIQ	162.4460, 65.4290, -12.8670

Conversions

Conversions Part 2

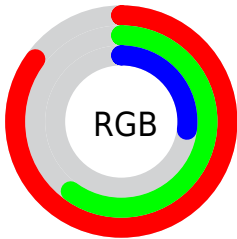
Format	Color
RYB	180, 217, 68
Decimal	14260548
CIELab	67.98, 15.94, 52.71
CIElCh	68, 55.066, 73.173
Yxy	37.9515, 0.4580, 0.4234
Android (android.graphics.Color)	4292450628 (0xFFD99944)
YUV	162.4460, -46.5619, 47.8439
Hunter-Lab	61.6048, 11.1337, 32.8922

Details

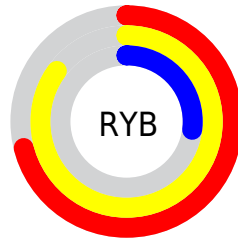
The Hex color **D99944** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4484D9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCF78**, and **9E660C** is the 20% darker color. If you saturate the color by 10%, you get **D9902E**, and if you desaturate by 10%, it is **D9A25A**.

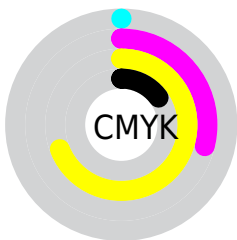
Distribution



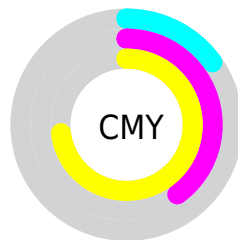
- Red (85%)
- Green (60%)
- Blue (27%)



- Red (71%)
- Yellow (85%)
- Blue (27%)



- Cyan (0%)
- Magenta (29%)
- Yellow (69%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D99944 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 D99944 by changing the saturation by 10% instead.

 D99944

 D99944

FFFFFF

 BB7F2A

 FFCF78

 9E660C

 FFEC93

 814E00

 FFFFAE

 653700

 FFFFCA

 492200

 FFFFEE

 2F0D00

 110000

 000000

 D99944

 D99944

 D9902E

 D9A25A

 D98619

 D9AC6F

 D97D03

 D9B585

 D97C00

 D9BE9B

 D9C8B1

 D9D1C6

 D9DADC

 D9E4F2

 D9EDFF

Harmonies

Analogous

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



F88664



D99944



ADAA3F

Triad

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



D99944



00BEBB



C590EF

Complementary

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



D99944



4484D9

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.



76A4FF



D99944



00BCE8

Square

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



D99944



02BD87



00B3FF



F37EC4

Rectangle

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



D99944



89B34E



00B3FF



AF96F9

Sweetspot

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



D99944



FFE8C9



D94485



807260



000000



808080

Same Dimension

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



D99944



FFA52E



CFD944



6E6963



AD6300



2E1A00

Inverse Universe

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



4484D9



2E88FF



4E44D9



63676E



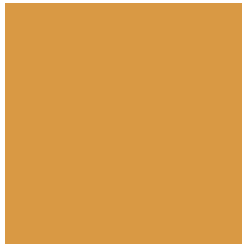
004AAD



00142E

Previews

White Background



This preview shows how the Hex color D99944 looks on a white background.

Color Contrast Check

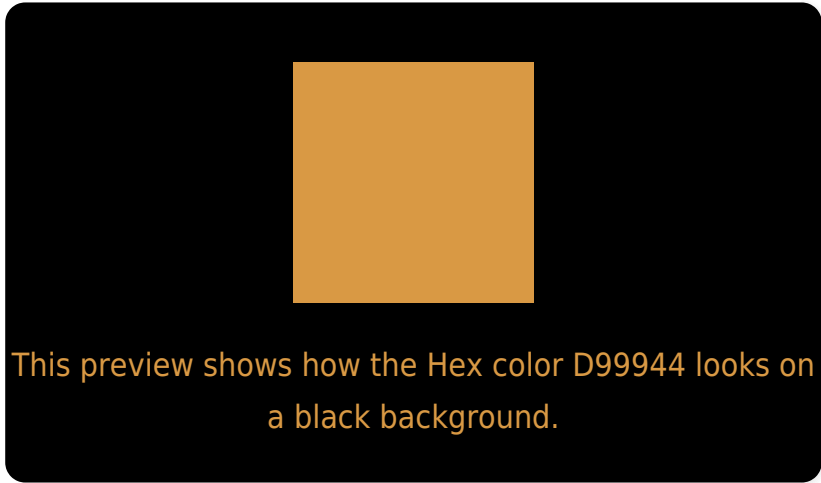
Large Text (above 18pt) WCAG AA × Fail

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 D99944 Background



This preview shows how black text looks on a background with the Hex color D99944.



This preview shows how white text looks on a background with the Hex color D99944.

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
D99944

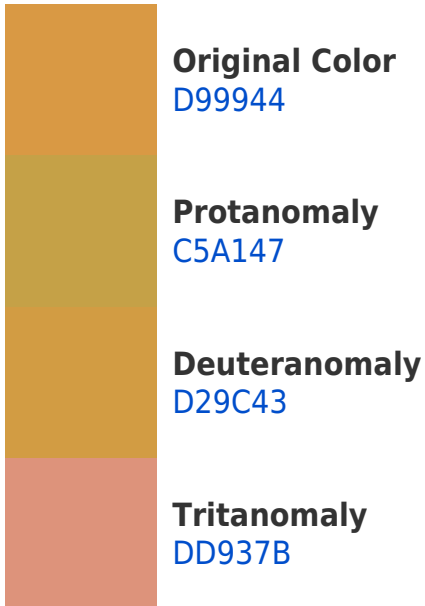
Protanopia
B9A648

Deuteranopia
CE9E43

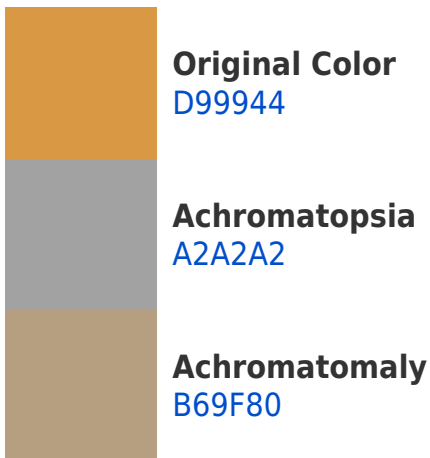


Tritanopia
DF909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D99944 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 #D99944 looks like.

```
.text, #text, p{  
    color:#D99944  
}
```

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 #D99944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99944
}
```

Border

The CSS property to change the border of an element to Hex D99944 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
#D99944 }
```

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

```
.border{ border-color:#D99944 }
```

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

Here you see how a box with a 4 pixel #D99944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99944; -webkit-box-shadow:4px 4px  
4px 4px #D99944; box-shadow:4px 4px 4px  
4px #D99944 }
```

Background

The CSS property to change the background color of an element to Hex D99944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99944 }
```

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

```
.background{ background-color:#D99944 }
```

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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