

Converting Colors

Hex(D99159)

Have a look what the booklet for
Hex(D99159) contains.

Hex(D99159)	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(D99159)

Conversions

Conversions Part 1

Format	Color
Hex	D99159
RGB	217, 145, 89
RGB Percent	85%, 57%, 35%
CMY	0.1490, 0.4314, 0.6510
CMYK	0.00, 0.33, 0.59, 0.15
HSL	26°, 63%, 60%
HSV	26°, 59%, 85%
XYZ	40.5438, 35.7238, 14.2097
YIQ	160.1440, 60.8880, -2.1520

Conversions

Conversions Part 2

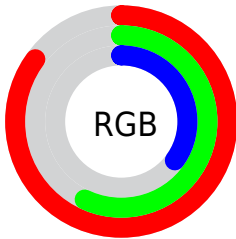
Format	Color
R _Y B	217, 189, 89
Decimal	14258521
CIE Lab	66.31, 21.61, 40.46
CIE LCh	66, 45.872, 61.898
Yxy	35.7238, 0.4481, 0.3948
Android (android.graphics.Color)	4292448601 (0xFFD99159)
YUV	160.1440, -35.0740, 49.8627
Hunter-Lab	59.7694, 16.4869, 27.7428

Details

The Hex color **D99159** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **59A1D9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFC78C**, and **9E5E29** is the 20% darker color. If you saturate the color by 10%, you get **D98543**, and if you desaturate by 10%, it is **D99D6F**.

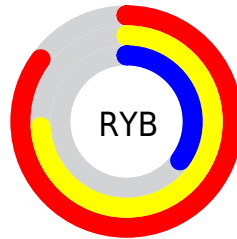
Distribution



Red (85%)

Green (57%)

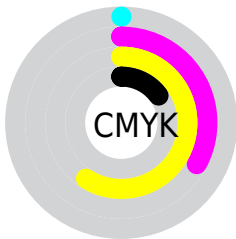
Blue (35%)



Red (85%)

Yellow (74%)

Blue (35%)

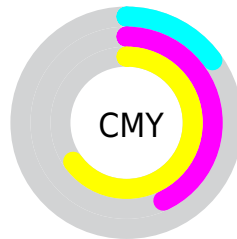


Cyan (0%)

Magenta (33%)

Yellow (59%)

Black (15%)



Cyan (15%)

Magenta (43%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D99159 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 D99159 by changing the saturation by 10% instead.

 D99159

 D99159

FFFFFF

 BB7741

 FFC78C

 9E5E29

 FFE3A7

 824610

 FFFFC3

 662F00

 FFFFDF

 4A1900

 FFFFFC

 300400

 0E0000

 000000

 D99159

 D99159

 D98543

 D99D6F

 D9792E

 D9A984

 D96C18

 D9B69A

 D96002

 D9C2B0

 D95F00

 D9CEC6

 D9DADB

 D9E6F1

 D9F3FF

 D9FFFF

Harmonies

Analogous

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



ED8478



D99159



B8A04D

Triad

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



D99159



00B6A3



A895E7

Complementary

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



D99159



59A1D9

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.



60A5F3



D99159



00B5CB

Square

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



D99159



58B379



00B0E9



D686C9

Rectangle

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



D99159



9CA852



00B0E9



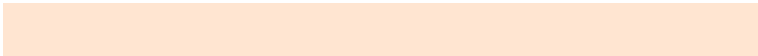
939BEE

Sweetspot

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



D99159



FFE5D1



D959A2



807063



000000



808080

Same Dimension

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



D99159



FF994A



D9D059



6E6763



AD4C00



2E1400

Inverse Universe

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



59A1D9



4AB0FF



5962D9



63696E



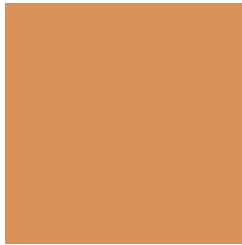
0062AD



001A2E

Previews

White Background



This preview shows how the Hex color D99159 looks on a white background.

Color Contrast Check

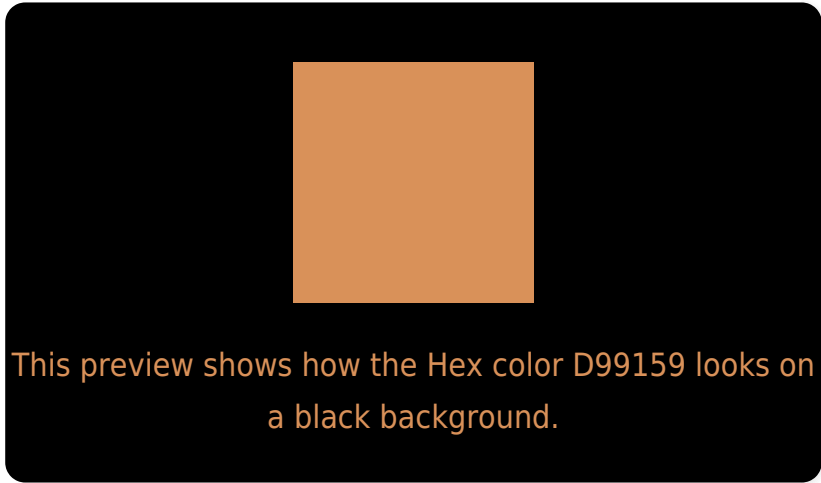
Large Text (above 18pt) WCAG AA × Fail

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

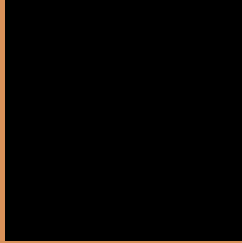
Any Text WCAG AA ✓ Pass

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 D99159 Background



This preview shows how black text looks on a background with the Hex color D99159.

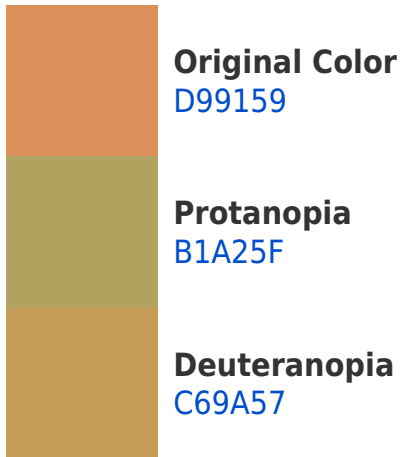


This preview shows how white text looks on a background with the Hex color D99159.

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](#).

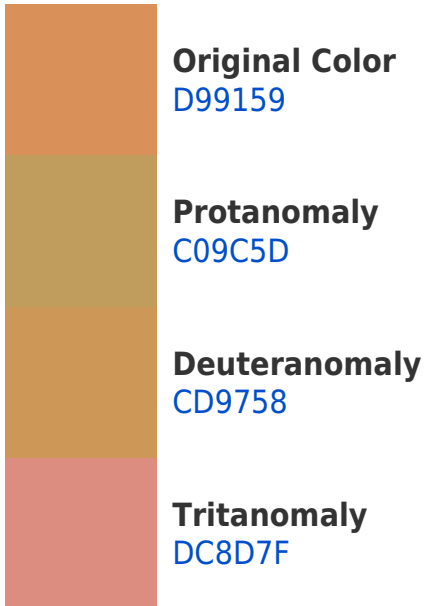
Dichromacy



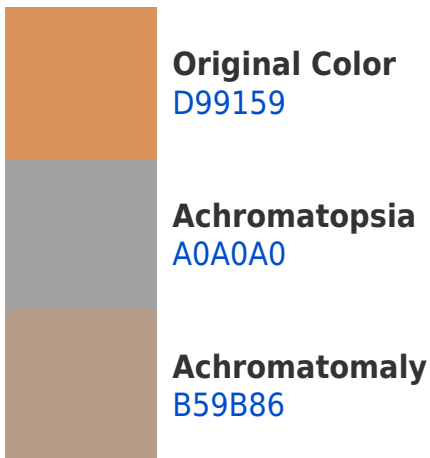


Tritanopia
DD8A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D99159 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 #D99159 looks like.

```
.text, #text, p{  
    color:#D99159  
}
```

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 #D99159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99159
}
```

Border

The CSS property to change the border of an element to Hex D99159 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
#D99159 }
```

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

```
.border{ border-color:#D99159 }
```

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

Here you see how a box with a 4 pixel #D99159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99159; -webkit-box-shadow:4px 4px  
4px 4px #D99159; box-shadow:4px 4px 4px  
4px #D99159 }
```

Background

The CSS property to change the background color of an element to Hex D99159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99159 }
```

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

```
.background{ background-color:#D99159 }
```

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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