

Converting Colors

Hex(DE9539)

Have a look what the booklet for
Hex(DE9539) contains.

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Color

Hex(DE9539)

Conversions

Conversions Part 1

Format	Color
Hex	DE9539
RGB	222, 149, 57
RGB Percent	87%, 58%, 22%
CMY	0.1294, 0.4157, 0.7765
CMYK	0.00, 0.33, 0.74, 0.13
HSL	33°, 71%, 55%
HSV	33°, 74%, 87%
XYZ	41.6102, 37.3199, 8.8813
YIQ	160.3390, 73.0400, -13.1360

Conversions

Conversions Part 2

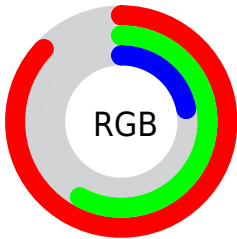
Format	Color
RYB	188, 222, 57
Decimal	14587193
CIELab	67.52, 19.67, 57.26
CIElCh	68, 60.542, 71.039
Yxy	37.3199, 0.4739, 0.4250
Android (android.graphics.Color)	4292777273 (0xFFDE9539)
YUV	160.3390, -50.9461, 54.0767
Hunter-Lab	61.0900, 14.6740, 34.1434

Details

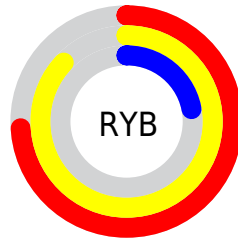
The Hex color **DE9539** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3982DE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCB6D**, and **A26200** is the 20% darker color. If you saturate the color by 10%, you get **DE8B23**, and if you desaturate by 10%, it is **DE9F4F**.

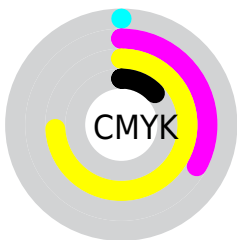
Distribution



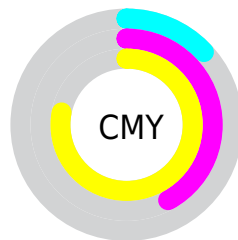
- Red (87%)
- Green (58%)
- Blue (22%)



- Red (74%)
- Yellow (87%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9539 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 DE9539 by changing the saturation by 10% instead.

 DE9539

 DE9539

FFFFFF

 C07B1D

 FFCB6D

 A26200

 FFE788

 854A00

 FFFFA3

 683300

 FFFFBF

 4C1E00

 FFFFDC

 310800

 FFFFF9

 140000

 000000

 DE9539

 DE9539

 DE8B23

 DE9F4F

 DE810D

 DEA965

 DE7C00

 DEB27C

 DEBC92

 DEC6A8

 DED0BE

 DEDAD4

 DEE4EB

 DEEDFF

Harmonies

Analogous

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



FE805F



DE9539



AFA82F

Triad

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



DE9539



00BFB8



C28DF7

Complementary

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



DE9539



3982DE

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.



61A4FF



DE9539



00BDEB

Square

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



DE9539



00BD7F



00B4FF



F679C9

Rectangle

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



DE9539



89B240



00B4FF



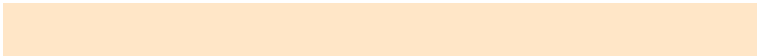
A895FF

Sweetspot

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



DE9539



FFE6C7



DE3983



80715E



000000



808080

Same Dimension

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



DE9539



FF9B1C



D6DE39



706B65



B06200



301B00

Inverse Universe

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



3982DE



1C80FF



4139DE



656A70



004EB0



001530

Previews

White Background



This preview shows how the Hex color DE9539 looks on a white background.

Color Contrast Check

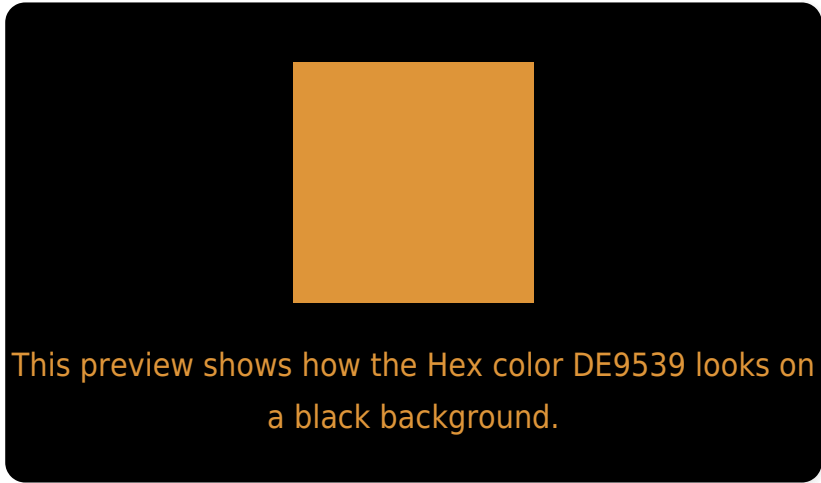
Large Text (above 18pt) WCAG AA × Fail

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 DE9539 Background



This preview shows how black text looks on a background with the Hex color DE9539.

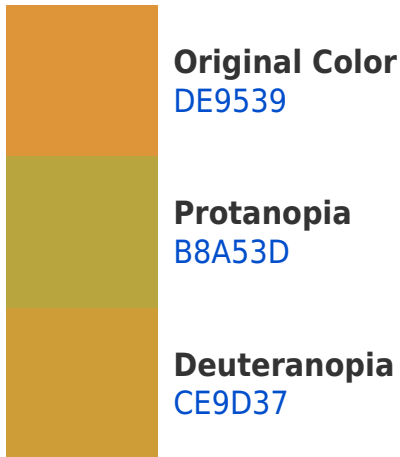


This preview shows how white text looks on a background with the Hex color DE9539.

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](#).

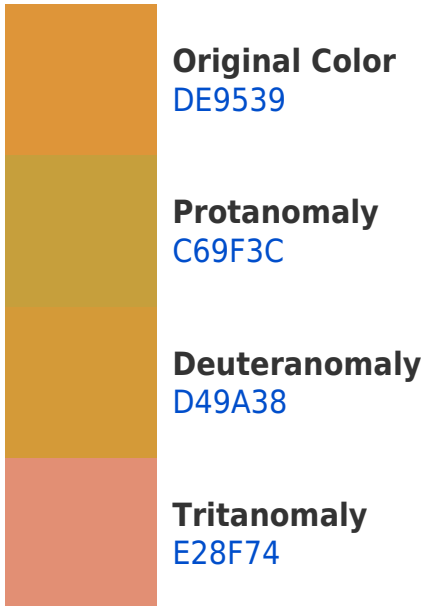
Dichromacy



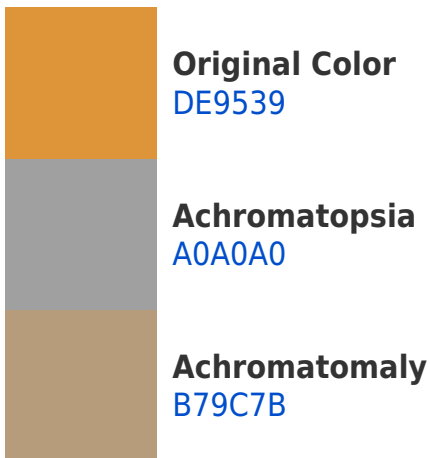


Tritanopia
E48C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE9539 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 #DE9539 looks like.

```
.text, #text, p{  
    color:#DE9539  
}
```

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 #DE9539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9539
}
```

Border

The CSS property to change the border of an element to Hex DE9539 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
#DE9539 }
```

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

```
.border{ border-color:#DE9539 }
```

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

Here you see how a box with a 4 pixel #DE9539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9539; -webkit-box-shadow:4px 4px  
4px 4px #DE9539; box-shadow:4px 4px 4px  
4px #DE9539 }
```

Background

The CSS property to change the background color of an element to Hex DE9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9539 }
```

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

```
.background{ background-color:#DE9539 }
```

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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