

Converting Colors

Hex(DE9415)

Have a look what the booklet for
Hex(DE9415) contains.

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Color

Hex(DE9415)

Conversions

Conversions Part 1

Format	Color
Hex	DE9415
RGB	222, 148, 21
RGB Percent	87%, 58%, 8%
CMY	0.1294, 0.4196, 0.9176
CMYK	0.00, 0.33, 0.91, 0.13
HSL	38°, 83%, 48%
HSV	38°, 91%, 87%
XYZ	40.8495, 36.7635, 5.6525
YIQ	155.6480, 84.8710, -23.8090

Conversions

Conversions Part 2

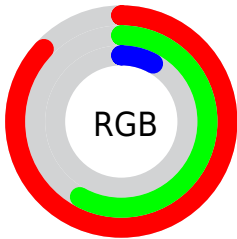
Format	Color
RYB	138, 222, 21
Decimal	14586901
CIELab	67.10, 19.14, 68.67
CIELCh	67, 71.284, 74.423
Yxy	36.7635, 0.4906, 0.4415
Android (android.graphics.Color)	4292776981 (0xFFDE9415)
YUV	155.6480, -66.3815, 58.1907
Hunter-Lab	60.6330, 14.1509, 36.9157

Details

The Hex color **DE9415** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **155FDE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFCA53**, and **A16100** is the 20% darker color. If you saturate the color by 10%, you get **DE8C00**, and if you desaturate by 10%, it is **DE9C2B**.

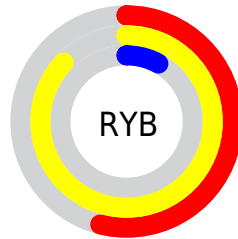
Distribution



Red (87%)

Green (58%)

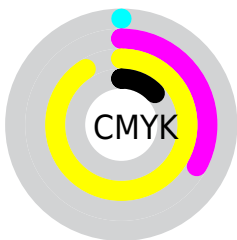
Blue (8%)



Red (54%)

Yellow (87%)

Blue (8%)

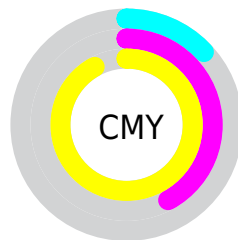


Cyan (0%)

Magenta (33%)

Yellow (91%)

Black (13%)



Cyan (13%)

Magenta (42%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9415 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 DE9415 by changing the saturation by 10% instead.

 DE9415

 DE9415

FFFFFF

 BF7A00

 FFCA53

 A16100

 FFE66E

 834900

 FFFF8A

 663300

 FFFFA5

 4A1D00

 FFFFC2

 300800

 FFFFDF

 100000

 FFFFFC

 000000

 DE9415

 DE9415

 DE8C00

 DE9C2B

 DEA441

 DEAD58

 DEB56E

 DEBD84

 DEC59A

 DECDB0

 DED5C7

 DEDEDD

Harmonies

Analogous

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



FF794B



DE9415



A6AA02

Triad

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



DE9415



00C1C1



CD84FF

Complementary

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



DE9415



155FDE

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.



57A0FF



DE9415



00BEFC

Square

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



DE9415



00BF7F



00B4FF



FF69C7

Rectangle

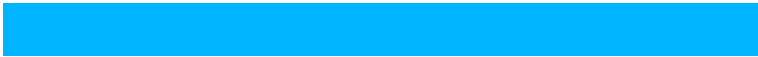
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DE9415



77B42C



00B4FF



B08EFF

Sweetspot

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



DE9415



FFE6BA



DE1562



807057



000000



808080

Same Dimension

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



DE9415



FFA100



C7DE15



706C65



B06F00



301F00

Inverse Universe

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



155FDE



005EFF



2C15DE



656970



0041B0



001230

Previews

White Background



This preview shows how the Hex color DE9415 looks on a white background.

Color Contrast Check

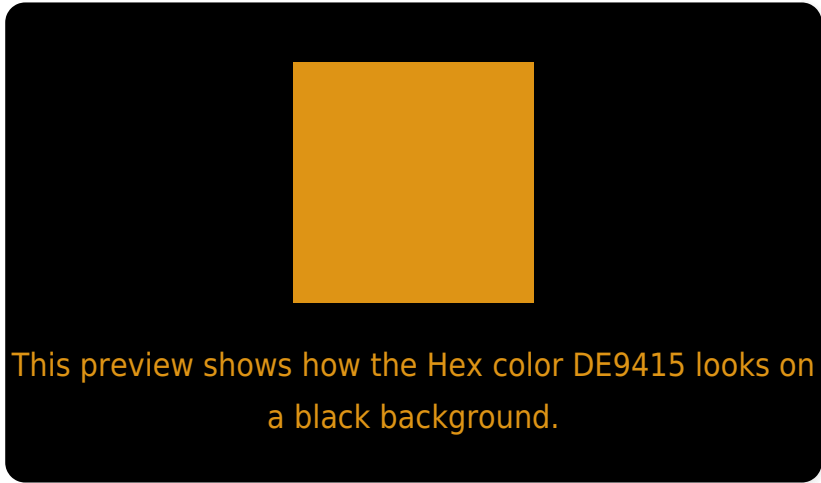
Large Text (above 18pt) WCAG AA × Fail

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 DE9415 Background



This preview shows how black text looks on a background with the Hex color DE9415.



This preview shows how white text looks on a background with the Hex color DE9415.

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
DE9415

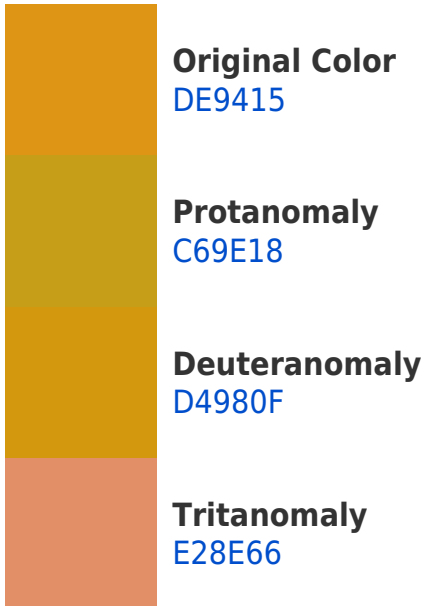
Protanopia
B8A41A

Deuteranopia
CF9B0C

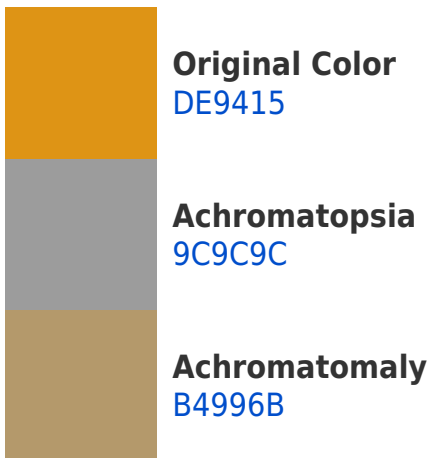


Tritanopia
E48A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE9415 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 #DE9415 looks like.

```
.text, #text, p{  
    color:#DE9415  
}
```

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 #DE9415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9415
}
```

Border

The CSS property to change the border of an element to Hex DE9415 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
#DE9415 }
```

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

```
.border{ border-color:#DE9415 }
```

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

Here you see how a box with a 4 pixel #DE9415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9415; -webkit-box-shadow:4px 4px  
4px 4px #DE9415; box-shadow:4px 4px 4px  
4px #DE9415 }
```

Background

The CSS property to change the background color of an element to Hex DE9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9415 }
```

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

```
.background{ background-color:#DE9415 }
```

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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