

Converting Colors

Hex(DE9312)

Have a look what the booklet for
Hex(DE9312) contains.

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Color

Hex(DE9312)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DE9312 |
| RGB | 222, 147, 18 |
| RGB Percent | 87%, 58%, 7% |
| CMY | 0.1294, 0.4235, 0.9294 |
| CMYK | 0.00, 0.34, 0.92, 0.13 |
| HSL | 38°, 85%, 47% |
| HSV | 38°, 92%, 87% |
| XYZ | 40.6671, 36.4407, 5.4626 |
| YIQ | 154.7190, 86.1090, -24.2190 |

Conversions

Conversions Part 2

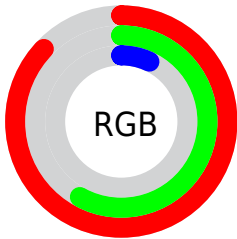
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 222, 18 |
| Decimal | 14586642 |
| CIELab | 66.86, 19.63, 69.09 |
| CIELCh | 67, 71.825, 74.138 |
| Yxy | 36.4407, 0.4925, 0.4413 |
| Android (android.graphics.Color) | 4292776722 (0xFFDE9312) |
| YUV | 154.7190, -67.4025, 59.0054 |
| Hunter-Lab | 60.3661, 14.6101, 36.8910 |

Details

The Hex color **DE9312** 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 **125DDE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC951**, and **A16000** is the 20% darker color. If you saturate the color by 10%, you get **DE8C00**, and if you desaturate by 10%, it is **DE9B28**.

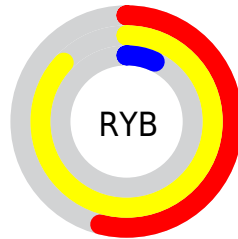
Distribution



Red (87%)

Green (58%)

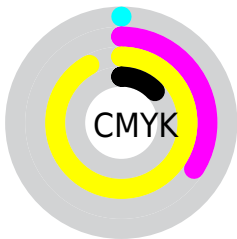
Blue (7%)



Red (54%)

Yellow (87%)

Blue (7%)

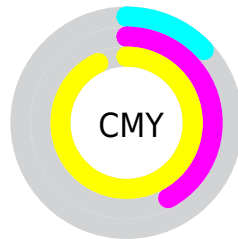


Cyan (0%)

Magenta (34%)

Yellow (92%)

Black (13%)



Cyan (13%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9312 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 DE9312 by changing the saturation by 10% instead.

 DE9312

 DE9312

FFFFFF

 BF7900

 FFC951

 A16000

 FFE56C

 834900

 FFFF88

 663200

 FFFFA4

 4A1C00

 FFFFC0

 2F0700

 FFFFDD

 0F0000

 FFFFFA

 000000

 DE9312

 DE9312

 DE8C00

 DE9B28

 DEA33E

 DEAB55

 DEB46B

 DEBC81

 DEC497

 DECCAD

 DED4C4

 DEDCDA

Harmonies

Analogous

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



FF774B



DE9312



A5A900

Triad

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



DE9312



00C1C0



CC83FF

Complementary

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



DE9312



125DDE

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.



52A0FF



DE9312



00BEFC

Square

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



DE9312



00BF7D



00B4FF



FF68C8

Rectangle

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



DE9312



77B329



00B4FF



AE8DFF

Sweetspot

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



DE9312



FFE5B8



DE1260



807054



000000



808080

Same Dimension

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



DE9312



FFA100



C6DE12



706C65



B06F00



301F00

Inverse Universe

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



125DDE



005EFF



2A12DE



656970



0041B0



001230

Previews

White Background



This preview shows how the Hex color DE9312 looks on a white background.

Color Contrast Check

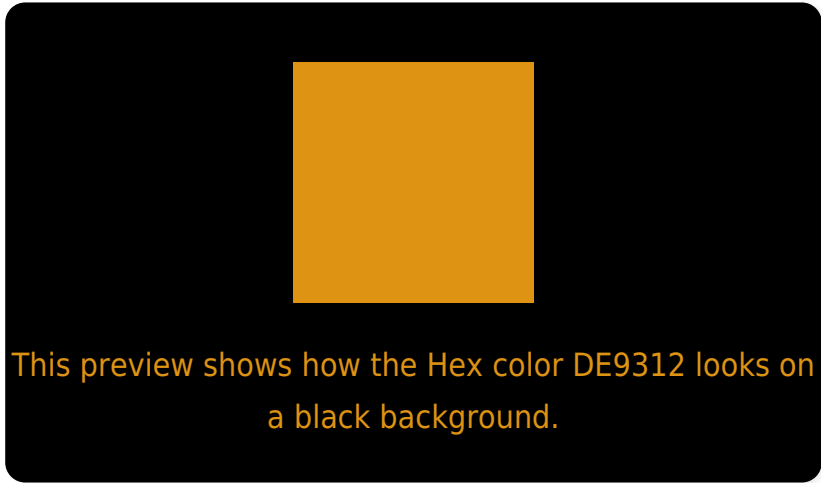
Large Text (above 18pt) WCAG AA × Fail

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 DE9312 Background



This preview shows how black text looks on a background with the Hex color DE9312.



This preview shows how white text looks on a background with the Hex color DE9312.

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
DE9312

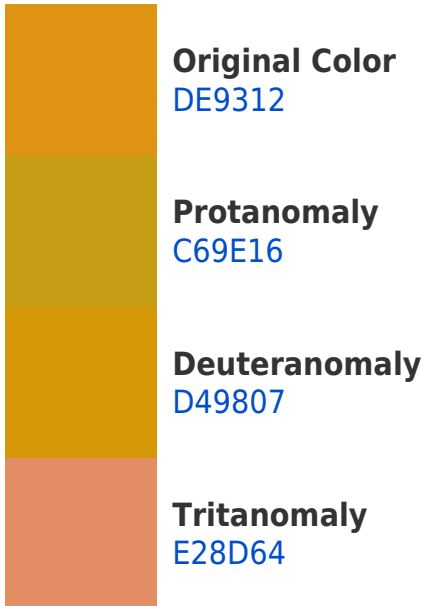
Protanopia
B8A418

Deuteranopia
CE9B00

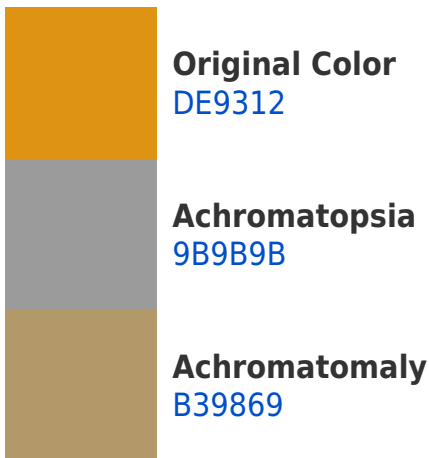


Tritanopia
E48993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE9312 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 #DE9312 looks like.

```
.text, #text, p{  
    color:#DE9312  
}
```

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 #DE9312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9312
}
```

Border

The CSS property to change the border of an element to Hex DE9312 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
#DE9312 }
```

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

```
.border{ border-color:#DE9312 }
```

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

Here you see how a box with a 4 pixel #DE9312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9312; -webkit-box-shadow:4px 4px  
4px 4px #DE9312; box-shadow:4px 4px 4px  
4px #DE9312 }
```

Background

The CSS property to change the background color of an element to Hex DE9312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9312 }
```

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

```
.background{ background-color:#DE9312 }
```

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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