

# Converting Colors

Hex(DE9400)

Have a look what the booklet for  
Hex(DE9400) contains.

<b>Hex(DE9400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DE9400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE9400
RGB	222, 148, 0
RGB Percent	87%, 58%, 0%
CMY	0.1294, 0.4196, 1.0000
CMYK	0.00, 0.33, 1.00, 0.13
HSL	40°, 100%, 44%
HSV	40°, 100%, 87%
XYZ	40.7141, 36.7094, 4.9398
YIQ	153.2540, 91.6120, -30.3400

# Conversions

## Conversions Part 2

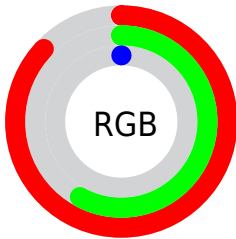
Format	Color
<a href="#">RYB</a>	<a href="#">111, 222, 0</a>
Decimal	<a href="#">14586880</a>
CIELab	<a href="#">67.06, 18.90, 71.87</a>
CIELCh	<a href="#">67, 74.317, 75.266</a>
Yxy	<a href="#">36.7094, 0.4943, 0.4457</a>
Android (android.graphics.Color)	<a href="#">4292776960</a> ( <a href="#">0xFFDE9400</a> )
YUV	<a href="#">153.2540, -75.5542, 60.2902</a>
Hunter-Lab	<a href="#">60.5883, 13.9189, 37.5779</a>

# Details

The Hex color **DE9400** 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 **004ADE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFCA4B**, and **A16100** is the 20% darker color. If you saturate the color by 10%, you get **DE9400**, and if you desaturate by 10%, it is **DE9B16**.

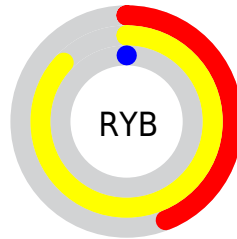
# Distribution



Red (87%)

Green (58%)

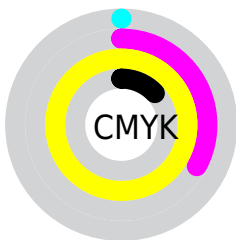
Blue (0%)



Red (44%)

Yellow (87%)

Blue (0%)

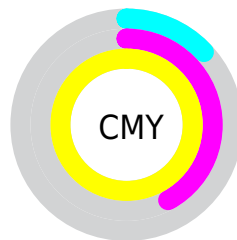


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE9400 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 DE9400 by changing the saturation by 10% instead.



 DE9400

 DE9400

FFFFFF

 BF7A00

 FFCA4B

 A16100

 FFE666

 834A00

 FFFF82

 663300

 FFFF9E

 4A1D00

 FFFFBB

 2F0800

 FFFFD7

 0F0000

 FFFFF5

 000000

 DE9400

 DE9B16

 DEA32C

 DEAA43

 DEB259

 DEB96F

 DEC085

 DEC89B

 DECFB2

 DED7C8

# Harmonies

## Analogous

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



FF7746



DE9400



A3AB00

# Triad

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



DE9400



00C2C5



D181FF

# Complementary

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



DE9400



004ADE

# 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.



549FFF



DE9400



00BFFF

# Square

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



DE9400



00C07F



00B4FF



FF64C7

# Rectangle

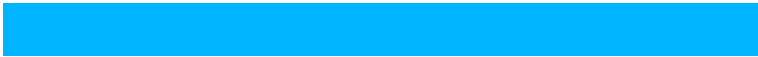
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DE9400



72B526



00B4FF



B38CFF



# Sweetspot

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



DE9400



FFE6B3



DE004A



807052



000000



808080



# Same Dimension

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



DE9400



FFAA00



B9DE00



706C65



B07500



302000



# Inverse Universe

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



004ADE



0055FF



2500DE



656970



003BB0



001030



# Previews

## White Background



This preview shows how the Hex color DE9400 looks on a white background.

## Color Contrast Check

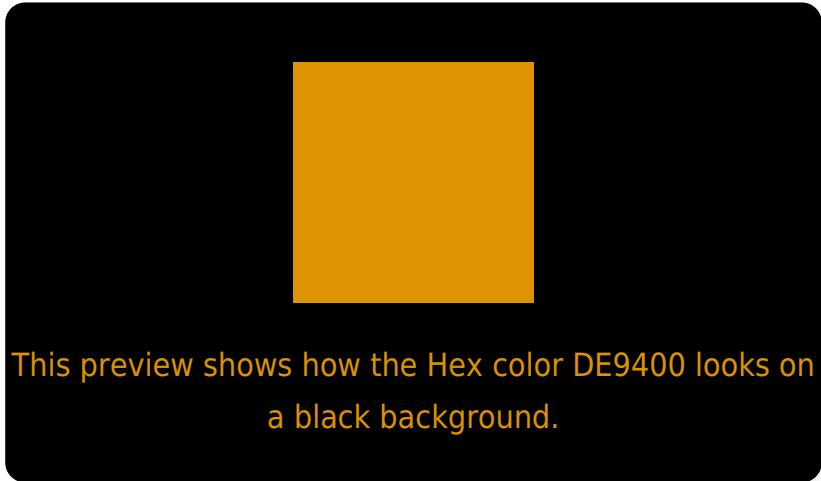
Large Text (above 18pt) WCAG AA × Fail

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 DE9400 Background



This preview shows how black text looks on a background with the Hex color DE9400.



This preview shows how white text looks on a background with the Hex color DE9400.

# 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**  
DE9400

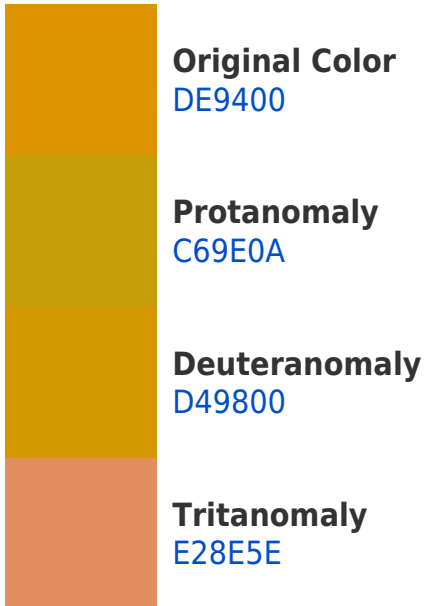
**Protanopia**  
B9A40F

**Deuteranopia**  
CF9B00

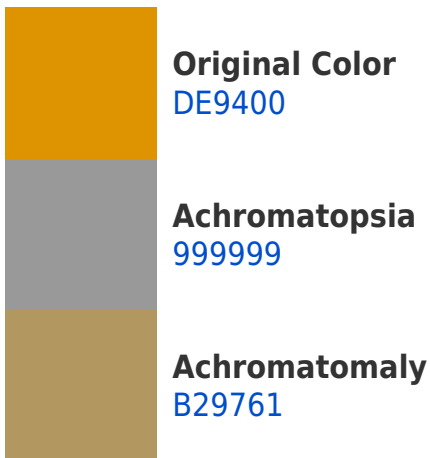


**Tritanopia**  
E48A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE9400 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 #DE9400 looks like.

```
.text, #text, p{  
    color:#DE9400  
}
```

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 #DE9400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9400
}
```

## Border

The CSS property to change the border of an element to Hex DE9400 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
#DE9400 }
```

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

```
.border{ border-color:#DE9400 }
```

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

Here you see how a box with a 4 pixel #DE9400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9400; -webkit-box-shadow:4px 4px  
4px 4px #DE9400; box-shadow:4px 4px 4px  
4px #DE9400 }
```

# Background

The CSS property to change the background color of an element to Hex DE9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9400 }
```

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

```
.background{ background-color:#DE9400 }
```

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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