

# Converting Colors

Hex(DE9760)

Have a look what the booklet for  
Hex(DE9760) contains.

<b>Hex(DE9760)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(DE9760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE9760
RGB	222, 151, 96
RGB Percent	87%, 59%, 38%
CMY	0.1294, 0.4078, 0.6235
CMYK	0.00, 0.32, 0.57, 0.13
HSL	26°, 66%, 62%
HSV	26°, 57%, 87%
XYZ	43.3021, 38.5073, 16.2167
YIQ	165.9590, 59.9710, -2.0530

# Conversions

## Conversions Part 2

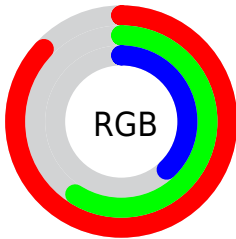
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 194, 96
Decimal	14587744
CIE <sub>Lab</sub>	68.39, 20.97, 39.49
CIE <sub>LCh</sub>	68, 44.714, 62.030
Yxy	38.5073, 0.4417, 0.3928
Android (android.graphics.Color)	4292777824 (0xFFDE9760)
YUV	165.9590, -34.4898, 49.1480
Hunter-Lab	62.0543, 15.9642, 27.9437

# Details

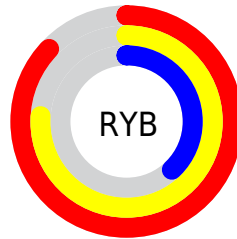
The Hex color **DE9760** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60A7DE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCD94**, and **A36430** is the 20% darker color. If you saturate the color by 10%, you get **DE8A4A**, and if you desaturate by 10%, it is **DEA476**.

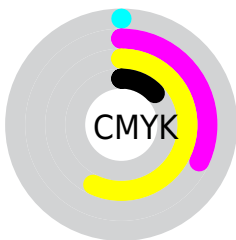
# Distribution



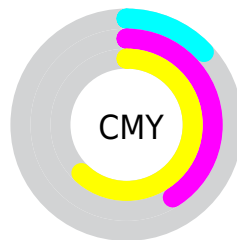
- Red (87%)
- Green (59%)
- Blue (38%)



- Red (87%)
- Yellow (76%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE9760 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 DE9760 by changing the saturation by 10% instead.



 DE9760

 DE9760

FFFFFF

 C07D47

 FFCD94

 A36430

 FFEAAF

 874C18

 FFFFCA

 6B3400

 FFFF7E

 501E00

 350900

 1B0001

 000000

 DE9760

 DE9760

 DE8A4A

 DEA476

 DE7E34

 DEB08C

 DE711D

 DEBDA3

 DE6507

 DEC9B9

 DE6100

 DED6CF

 DEE2E5

 DEEFFB

 DEFBBF

 DEFFFF

# Harmonies

## Analogous

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



F18A7E



DE9760



BDA554

# Triad

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



DE9760



00BCA8



AE9BEB

# Complementary

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



DE9760



60A7DE

# 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.



6AAAF7



DE9760



00BBD0

# Square

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



DE9760



60B87F



00B5ED



DB8DCD

# Rectangle

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



DE9760



A2AE5A



00B5ED



9AA0F2



# Sweetspot

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



DE9760



FFE7D4



DE60A7



807166



000000



808080



# Same Dimension

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



DE9760



FF9D52



DED660



706A65



B04D00



301500



# Inverse Universe

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



60A7DE



52B3FF



6068DE



656B70



0063B0

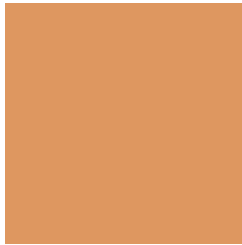


001B30



# Previews

## White Background



This preview shows how the Hex color DE9760 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

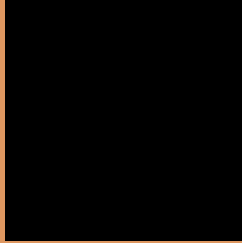
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DE9760 Background



This preview shows how black text looks on a background with the Hex color DE9760.



This preview shows how white text looks on a background with the Hex color DE9760.

# 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**  
DE9760

**Protanopia**  
B7A766

**Deuteranopia**  
CC9F5E



**Tritanopia**  
E2909B

# Trichromacy



**Original Color**  
DE9760

**Protanomaly**  
C5A164

**Deuteranomaly**  
D39C5F

**Tritanomaly**  
E19386

# Monochromacy



**Original Color**  
DE9760

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
BAA18D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE9760 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 #DE9760 looks like.

```
.text, #text, p{  
    color:#DE9760  
}
```

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 #DE9760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9760
}
```

## Border

The CSS property to change the border of an element to Hex DE9760 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
#DE9760 }
```

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

```
.border{ border-color:#DE9760 }
```

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

Here you see how a box with a 4 pixel #DE9760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9760; -webkit-box-shadow:4px 4px  
4px 4px #DE9760; box-shadow:4px 4px 4px  
4px #DE9760 }
```

# Background

The CSS property to change the background color of an element to Hex DE9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9760 }
```

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

```
.background{ background-color:#DE9760 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor