

# Converting Colors

Hex(DE8360)

Have a look what the booklet for  
Hex(DE8360) contains.

<b>Hex(DE8360)</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(DE8360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE8360
RGB	222, 131, 96
RGB Percent	87%, 51%, 38%
CMY	0.1294, 0.4863, 0.6235
CMYK	0.00, 0.41, 0.57, 0.13
HSL	17°, 66%, 62%
HSV	17°, 57%, 87%
XYZ	40.3518, 32.6067, 15.2333
YIQ	154.2190, 65.4710, 8.4070

# Conversions

## Conversions Part 2

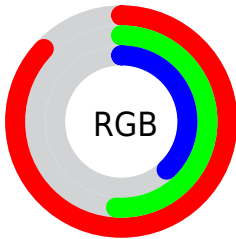
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 144, 96
Decimal	14582624
CIE Lab	63.84, 31.65, 33.83
CIE LCh	64, 46.325, 46.911
Yxy	32.6067, 0.4575, 0.3697
Android (android.graphics.Color)	4292772704 (0xFFDE8360)
YUV	154.2190, -28.7020, 59.4439
Hunter-Lab	57.1023, 26.2095, 24.1547

# Details

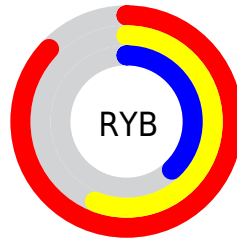
The Hex color **DE8360** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60BBDE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB993**, and **A35031** is the 20% darker color. If you saturate the color by 10%, you get **DE734A**, and if you desaturate by 10%, it is **DE9376**.

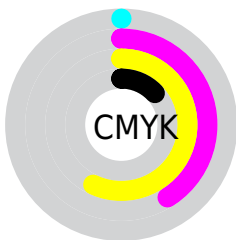
# Distribution



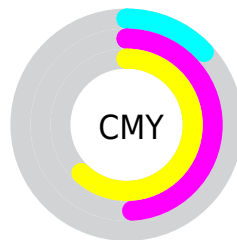
- Red (87%)
- Green (51%)
- Blue (38%)



- Red (87%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (13%)



- Cyan (13%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE8360 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 DE8360 by changing the saturation by 10% instead.



 DE8360

 DE8360

FFFFFF

 C06948

 FFB993

 A35031

 FFD5AE

 86381A

 FFF1C9

 692002

 FFFFE6

 4E0500

 330000

 0D0000

 000000

 DE8360

 DE8360

 DE734A

 DE9376

 DE6334

 DEA38C

 DE531D

 DEB3A3

 DE4307

 DEC3B9

 DE3E00

 DED3CF

 DEE3E5

 DEF3FB

 DEFFFF

# Harmonies

## Analogous

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



E97985



DE8360



C39249

# Triad

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



DE8360



24AF87



8097EA

# Complementary

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



DE8360



60BBDE

# 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.



00A4EB



DE8360



00B0B1

# Square

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



DE8360



6DA960



00ADD6



BC87D3

# Rectangle

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



DE8360



AA9B46



00ADD6



669CEC

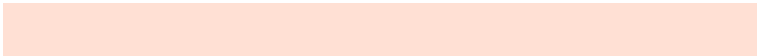


# Sweetspot

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



DE8360



FFE0D4



DE60BC



806D66



000000



808080



# Same Dimension

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



DE8360



FF8252



DEC160



706865



B03100



300D00



# Inverse Universe

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



60BBDE



52CFFF



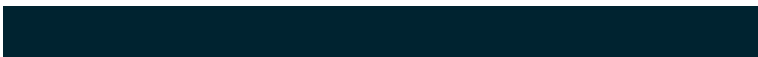
607DDE



656D70



007FB0



002330



# Previews

## White Background



This preview shows how the Hex color DE8360 looks on a white background.

## Color Contrast Check

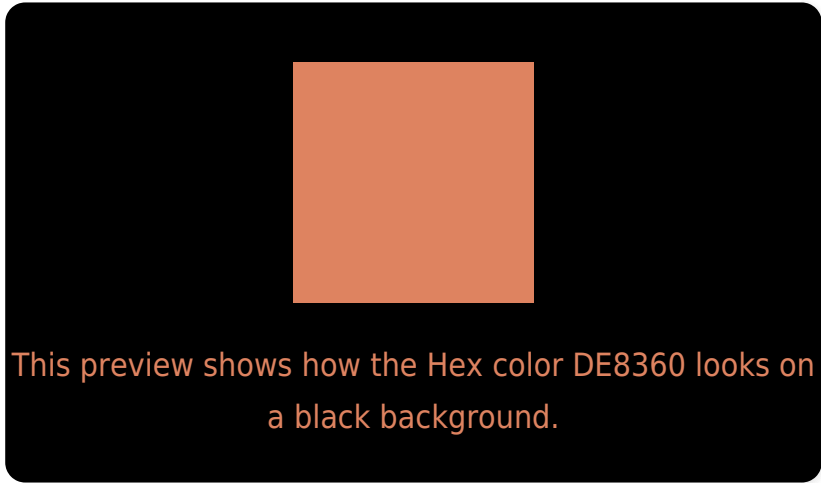
Large Text (above 18pt) WCAG AA × Fail

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

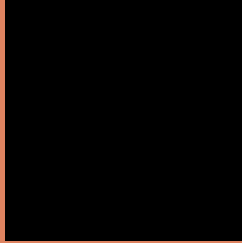
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE8360 Background



This preview shows how black text looks on a background with the Hex color DE8360.

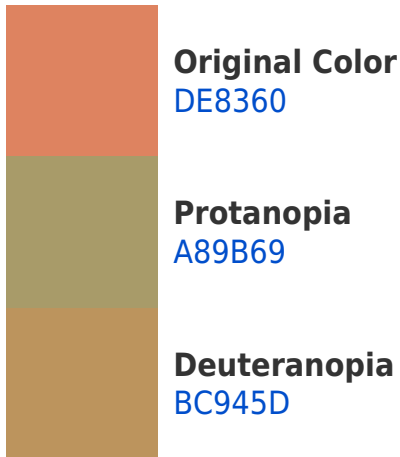


This preview shows how white text looks on a background with the Hex color DE8360.

# 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](#).

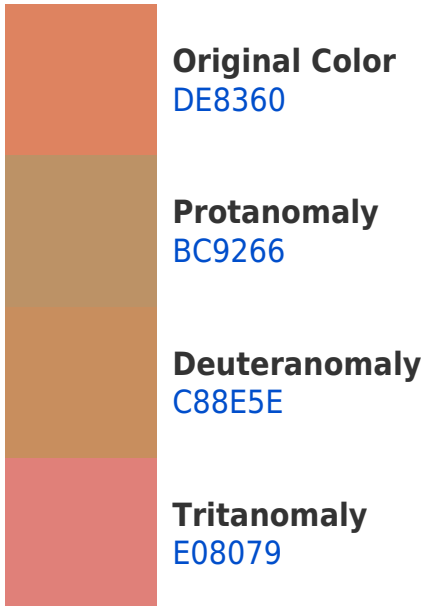
## Dichromacy



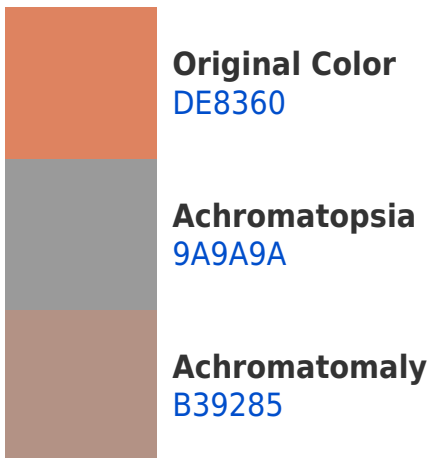


**Tritanopia**  
E17E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE8360 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 #DE8360 looks like.

```
.text, #text, p{  
    color:#DE8360  
}
```

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 #DE8360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8360
}
```

## Border

The CSS property to change the border of an element to Hex DE8360 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
#DE8360 }
```

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

```
.border{ border-color:#DE8360 }
```

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

Here you see how a box with a 4 pixel #DE8360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8360; -webkit-box-shadow:4px 4px  
4px 4px #DE8360; box-shadow:4px 4px 4px  
4px #DE8360 }
```

# Background

The CSS property to change the background color of an element to Hex DE8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8360 }
```

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

```
.background{ background-color:#DE8360 }
```

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