

# Converting Colors

Hex(DC8364)

Have a look what the booklet for  
Hex(DC8364) contains.

<b>Hex(DC8364)</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(DC8364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC8364
RGB	220, 131, 100
RGB Percent	86%, 51%, 39%
CMY	0.1373, 0.4863, 0.6078
CMYK	0.00, 0.40, 0.55, 0.14
HSL	15°, 63%, 63%
HSV	15°, 55%, 86%
XYZ	39.9317, 32.3683, 16.1997
YIQ	154.0770, 62.9950, 9.2270

# Conversions

## Conversions Part 2

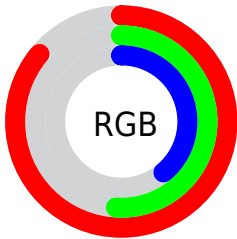
Format	Color
R <sub>Y</sub> B	220, 142, 100
Decimal	14451556
CIE Lab	63.65, 31.18, 31.34
CIE LCh	64, 44.210, 45.151
Yxy	32.3683, 0.4512, 0.3657
Android (android.graphics.Color)	4292641636 (0xFFDC8364)
YUV	154.0770, -26.6600, 57.8145
Hunter-Lab	56.8932, 25.7211, 22.9431

# Details

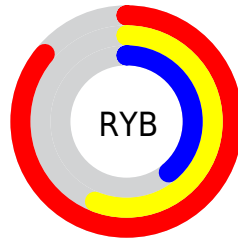
The Hex color **DC8364** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64BDDC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB997**, and **A15035** is the 20% darker color. If you saturate the color by 10%, you get **DC734E**, and if you desaturate by 10%, it is **DC937A**.

# Distribution



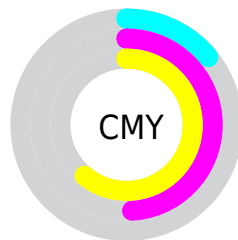
- Red (86%)
- Green (51%)
- Blue (39%)



- Red (86%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (40%)
- Yellow (55%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC8364 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 DC8364 by changing the saturation by 10% instead.



 DC8364

 DC8364

FFFFFF

 BE694C

 FFB997

 A15035

 FFD5B2

 84381E

 FFF1CE

 682008

 FFFFEA

 4D0600

 320000

 0A0000

 000000

 DC8364

 DC8364

 DC734E

 DC937A

 DC6238

 DCA490

 DC5222

 DCB4A6

 DC420C

 DCC4BC

 DC3900

 DCD5D2

 DCE5E8

 DCF5FE

 DCFFFF

# Harmonies

## Analogous

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



E57A88



DC8364



C3914D

# Triad

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



DC8364



35AD85



7E97E6

# Complementary

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



DC8364



64BDDC

# 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.



16A4E6



DC8364



00AEAD

# Square

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



DC8364



72A861



00ACD1



B788D2

# Rectangle

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



DC8364



AC9A49



00ACD1



659CE8

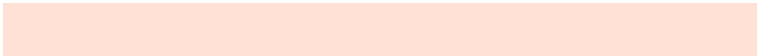


# Sweetspot

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



DC8364



FFE1D6



DC64BE



806E67



000000



808080



# Same Dimension

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



DC8364



FF8459



DCBE64



6E6663



AD2D00



2E0C00



# Inverse Universe

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



64BDDC



59D4FF



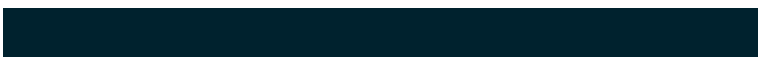
6482DC



636B6E



0081AD



00222E



# Previews

## White Background



This preview shows how the Hex color DC8364 looks on a white background.

## Color Contrast Check

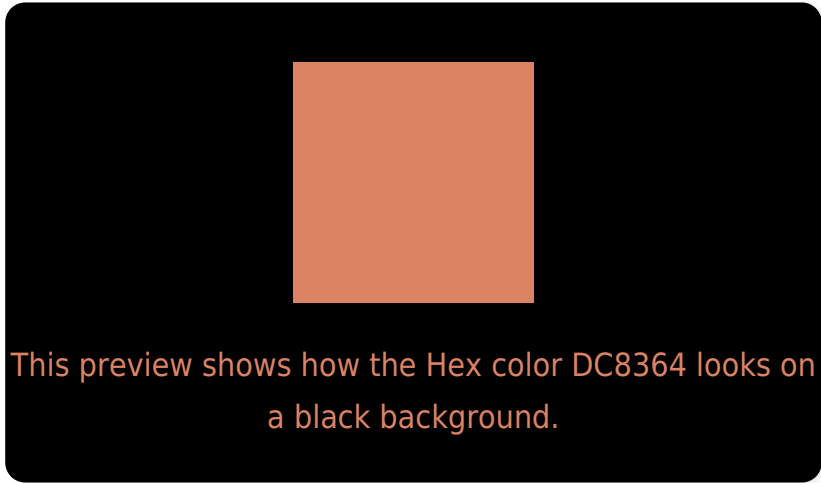
Large Text (above 18pt) WCAG AA × Fail

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

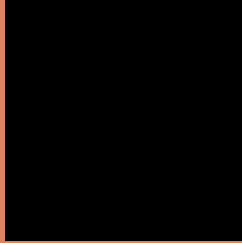
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC8364 Background



This preview shows how black text looks on a background with the Hex color DC8364.

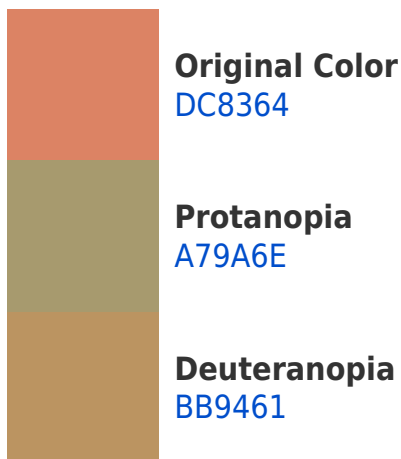


This preview shows how white text looks on a background with the Hex color DC8364.

# 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](#).

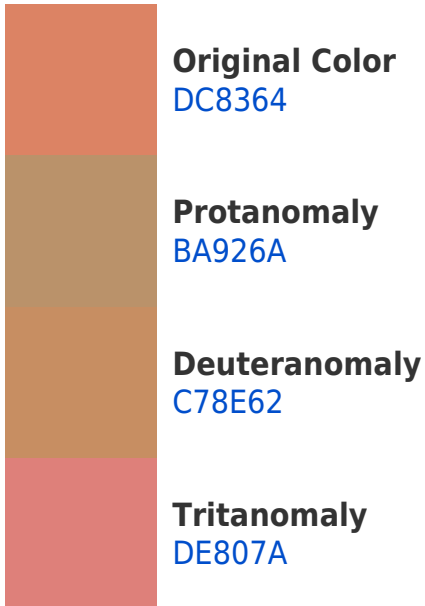
## Dichromacy



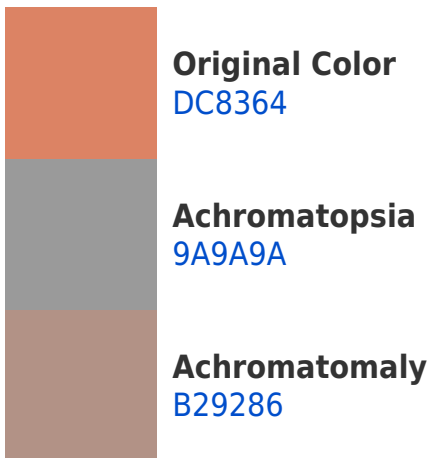


**Tritanopia**  
DF7E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC8364 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 #DC8364 looks like.

```
.text, #text, p{  
    color:#DC8364  
}
```

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 #DC8364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8364
}
```

## Border

The CSS property to change the border of an element to Hex DC8364 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
#DC8364 }
```

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

```
.border{ border-color:#DC8364 }
```

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

Here you see how a box with a 4 pixel #DC8364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8364; -webkit-box-shadow:4px 4px  
4px 4px #DC8364; box-shadow:4px 4px 4px  
4px #DC8364 }
```

# Background

The CSS property to change the background color of an element to Hex DC8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8364 }
```

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

```
.background{ background-color:#DC8364 }
```

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