

# Converting Colors

Hex(DD8637)

Have a look what the booklet for  
Hex(DD8637) contains.

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**Color**

**Hex(DD8637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD8637
RGB	221, 134, 55
RGB Percent	87%, 53%, 22%
CMY	0.1333, 0.4745, 0.7843
CMYK	0.00, 0.39, 0.75, 0.13
HSL	29°, 71%, 54%
HSV	29°, 75%, 87%
XYZ	39.0335, 32.6982, 7.8685
YIQ	151.0070, 77.2110, -6.1250

# Conversions

## Conversions Part 2

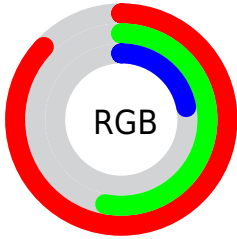
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 206, 55
Decimal	14517815
CIE <sub>Lab</sub>	63.92, 27.19, 54.48
CIE <sub>LCh</sub>	64, 60.887, 63.479
Yxy	32.6982, 0.4904, 0.4108
Android (android.graphics.Color)	4292707895 (0xFFDD8637)
YUV	151.0070, -47.3315, 61.3839
Hunter-Lab	57.1823, 21.7776, 31.8691

# Details

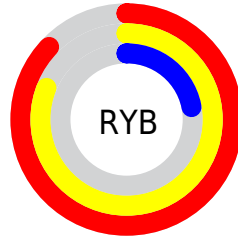
The Hex color **DD8637** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle muted orange. A complement of this color would be **378EDD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFBC6A**, and **A05400** is the 20% darker color. If you saturate the color by 10%, you get **DD7A21**, and if you desaturate by 10%, it is **DD924D**.

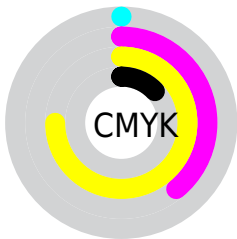
# Distribution



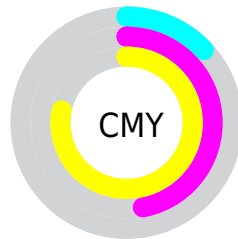
- Red (87%)
- Green (53%)
- Blue (22%)



- Red (87%)
- Yellow (81%)
- Blue (22%)



- Cyan (0%)
- Magenta (39%)
- Yellow (75%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD8637 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 DD8637 by changing the saturation by 10% instead.



 DD8637

 DD8637

FFFFFF

 BE6C1C

 FFBC6A

 A05400

 FFD885

 833C00

 FFF4A0

 662500

 FFFFBB

 490D00

 FFFFD8

 2F0000

 FFFFF5

 030000

 000000

 DD8637

 DD8637

 DD7A21

 DD924D

 DD6F0B

 DD9D63

 DD6900

 DDA979

 DDB48F

 DDC0A6

 DDCBBC

 DDD7D2

 DDE3E8

 DDEEFE

# Harmonies

## Analogous

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



F87162



DD8637



B19A22

# Triad

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



DD8637



00B5A0



A48AF6

# Complementary

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



DD8637



378EDD

# 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.



129FFF



DD8637



00B4D5

# Square

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



DD8637



13B168



00ADFC



E273CC

# Rectangle

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



DD8637



8EA52D



00ADFC



8691FF



# Sweetspot

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



DD8637



FFE0C4



DD3790



806D5C



000000



808080



# Same Dimension

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



DD8637



FF8719



DDD737



6E6863



AD5300



2E1600



# Inverse Universe

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



378EDD



1992FF



373DDD



63686E



005BAD



00182E



# Previews

## White Background



This preview shows how the Hex color DD8637 looks on a white background.

## Color Contrast Check

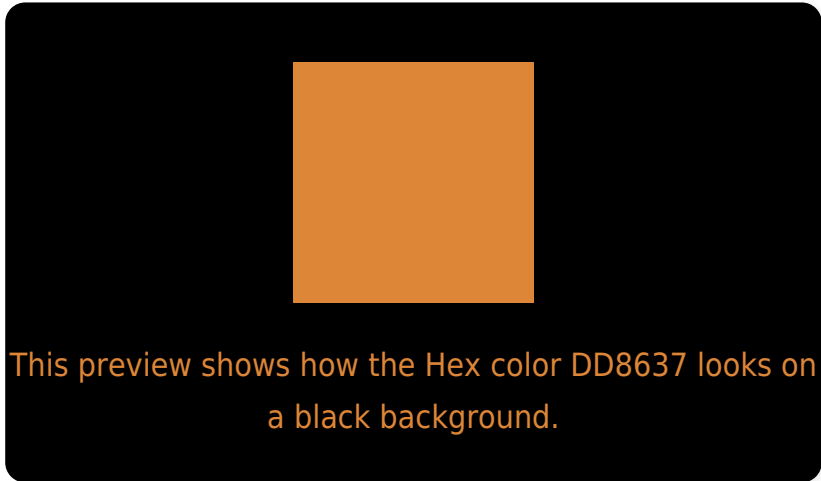
Large Text (above 18pt) WCAG AA × Fail

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

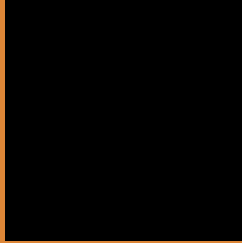
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD8637 Background



This preview shows how black text looks on a background with the Hex color DD8637.

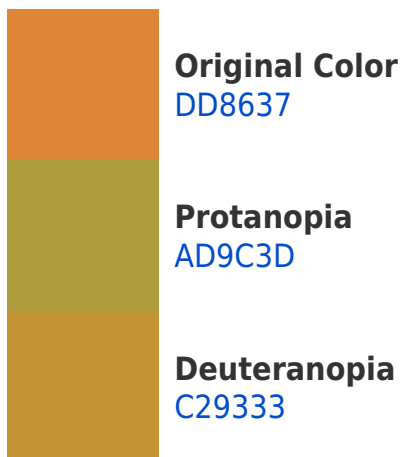


This preview shows how white text looks on a background with the Hex color DD8637.

# 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



**Original Color**  
DD8637

**Protanomaly**  
BE943B

**Deuteranomaly**  
CC8E34

**Tritanomaly**  
E0816A

# Monochromacy



**Original Color**  
DD8637

**Achromatopsia**  
979797

**Achromatomaly**  
B09174

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD8637 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 #DD8637 looks like.

```
.text, #text, p{  
    color:#DD8637  
}
```

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 #DD8637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD8637
}
```

## Border

The CSS property to change the border of an element to Hex DD8637 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
#DD8637 }
```

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

```
.border{ border-color:#DD8637 }
```

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

Here you see how a box with a 4 pixel #DD8637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD8637; -webkit-box-shadow:4px 4px  
4px 4px #DD8637; box-shadow:4px 4px 4px  
4px #DD8637 }
```

# Background

The CSS property to change the background color of an element to Hex DD8637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD8637 }
```

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

```
.background{ background-color:#DD8637 }
```

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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