

Converting Colors

Hex(DD8641)

Have a look what the booklet for
Hex(DD8641) contains.

Hex(DD8641)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD8641)

Conversions

Conversions Part 1

Format	Color
Hex	DD8641
RGB	221, 134, 65
RGB Percent	87%, 53%, 25%
CMY	0.1333, 0.4745, 0.7451
CMYK	0.00, 0.39, 0.71, 0.13
HSL	27°, 70%, 56%
HSV	27°, 71%, 87%
XYZ	39.2980, 32.8040, 9.2616
YIQ	152.1470, 74.0010, -3.0150

Conversions

Conversions Part 2

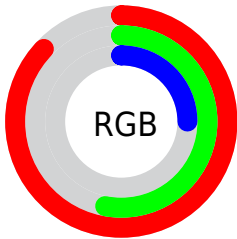
Format	Color
R _Y B	221, 189, 65
Decimal	14517825
CIE Lab	64.00, 27.65, 49.98
CIE LCh	64, 57.118, 61.043
Yxy	32.8040, 0.4830, 0.4032
Android (android.graphics.Color)	4292707905 (0xFFDD8641)
YUV	152.1470, -42.9635, 60.3841
Hunter-Lab	57.2748, 22.2436, 30.5049

Details

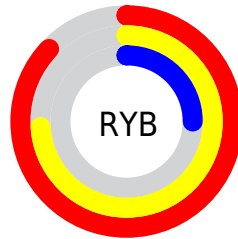
The Hex color **DD8641** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4198DD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBC74**, and **A1540C** is the 20% darker color. If you saturate the color by 10%, you get **DD7A2B**, and if you desaturate by 10%, it is **DD9257**.

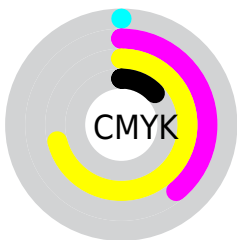
Distribution



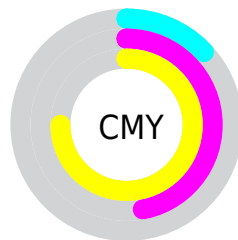
- Red (87%)
- Green (53%)
- Blue (25%)



- Red (87%)
- Yellow (74%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (71%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD8641 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 DD8641 by changing the saturation by 10% instead.

 DD8641

 DD8641

FFFFFF

 BF6C28

 FFBC74

 A1540C

 FFD88E

 833C00

 FFF4A9

 672400

 FFFFC5

 4A0D00

 FFFFE1

 300000

FFFFFFE

 050000

 000000

 DD8641

 DD8641

 DD7A2B

 DD9257

 DD6D15

 DD9F6D

 DD6200

 DDAB83

 DDB799

 DDC4B0

 DDD0C6

 DDDCDC

 DDE9F2

 DDF5FF

Harmonies

Analogous

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



F57369



DD8641



B5992D

Triad

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



DD8641



00B49B



9F8DF3

Complementary

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



DD8641



4198DD

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.



1CA0FF



DD8641



00B3CE

Square

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



DD8641



36B067



00ADF4



DA78CD

Rectangle

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



DD8641



94A334



00ADF4



8294FA

Sweetspot

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



DD8641



FFE1C9



DD4199



806E60



000000



808080

Same Dimension

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



DD8641



FF8626



DDD341



6E6863



AD4D00



2E1400

Inverse Universe

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



4198DD



269FFF



414BDD



63696E



0061AD



001A2E

Previews

White Background



This preview shows how the Hex color DD8641 looks on a white background.

Color Contrast Check

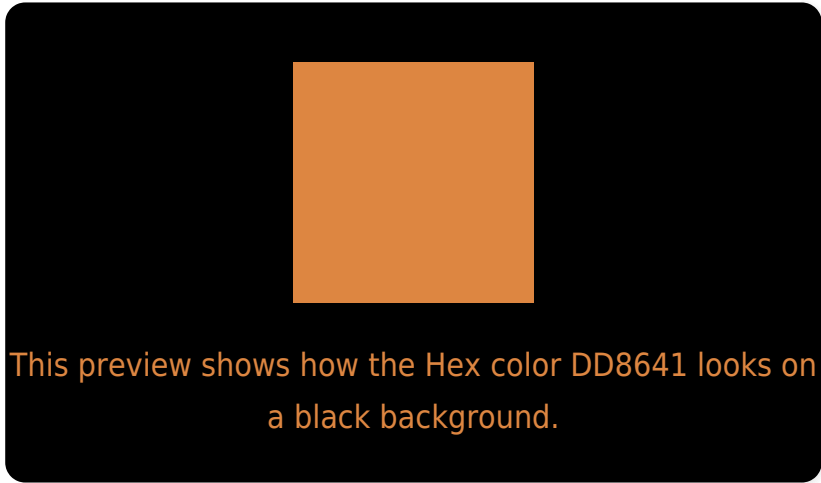
Large Text (above 18pt) WCAG AA × Fail

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

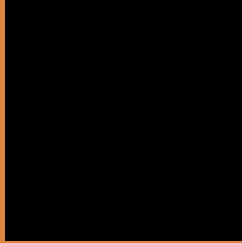
Any Text WCAG AA ✓ Pass

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 DD8641 Background



This preview shows how black text looks on a background with the Hex color DD8641.

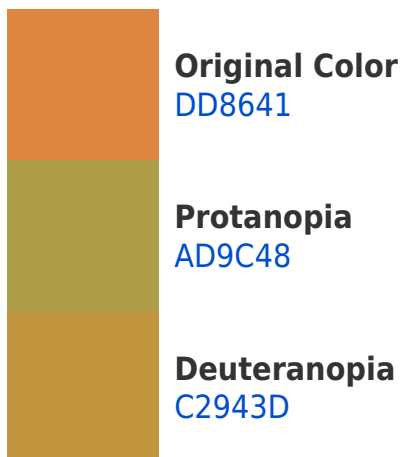


This preview shows how white text looks on a background with the Hex color DD8641.

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](#).

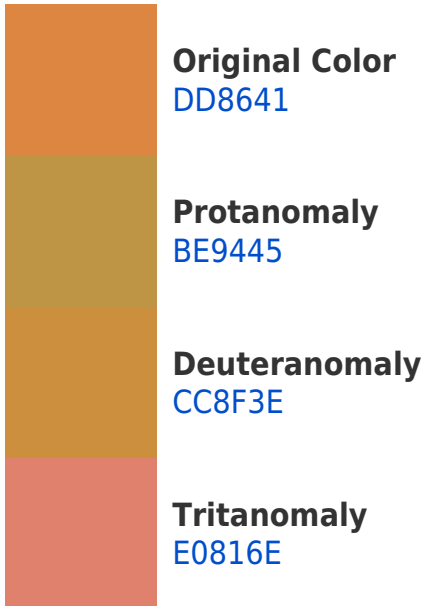
Dichromacy



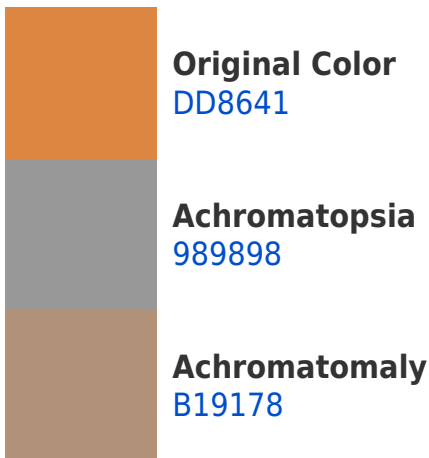


Tritanopia
E17E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD8641 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 #DD8641 looks like.

```
.text, #text, p{  
    color:#DD8641  
}
```

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 #DD8641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD8641
}
```

Border

The CSS property to change the border of an element to Hex DD8641 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
#DD8641 }
```

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

```
.border{ border-color:#DD8641 }
```

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

Here you see how a box with a 4 pixel #DD8641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD8641; -webkit-box-shadow:4px 4px  
4px 4px #DD8641; box-shadow:4px 4px 4px  
4px #DD8641 }
```

Background

The CSS property to change the background color of an element to Hex DD8641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD8641 }
```

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

```
.background{ background-color:#DD8641 }
```

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