

# Converting Colors

Hex(DC6841)

Have a look what the booklet for  
Hex(DC6841) contains.

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# Color

**Hex(DC6841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC6841
RGB	220, 104, 65
RGB Percent	86%, 41%, 25%
CMY	0.1373, 0.5922, 0.7451
CMYK	0.00, 0.53, 0.70, 0.14
HSL	15°, 69%, 56%
HSV	15°, 70%, 86%
XYZ	35.4196, 25.4979, 8.0558
YIQ	134.2380, 81.6550, 12.4630

# Conversions

## Conversions Part 2

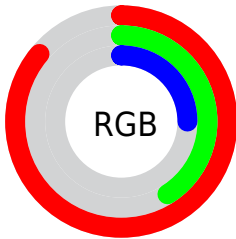
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 117, 65
Decimal	14444609
CIE <sub>Lab</sub>	57.56, 42.75, 42.86
CIE <sub>LCh</sub>	58, 60.538, 45.074
Yxy	25.4979, 0.5135, 0.3697
Android (android.graphics.Color)	4292634689 (0xFFDC6841)
YUV	134.2380, -34.1343, 75.2133
Hunter-Lab	50.4955, 36.8403, 25.8880

# Details

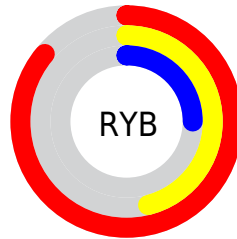
The Hex color **DC6841** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **41B5DC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9E72**, and **9F3412** is the 20% darker color. If you saturate the color by 10%, you get **DC582B**, and if you desaturate by 10%, it is **DC7857**.

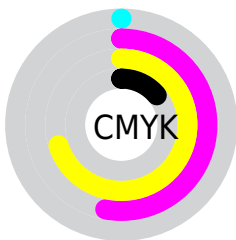
# Distribution



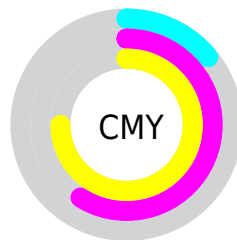
- Red (86%)
- Green (41%)
- Blue (25%)



- Red (86%)
- Yellow (46%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (14%)



- Cyan (14%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC6841 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 DC6841 by changing the saturation by 10% instead.



 DC6841

 DC6841

FFFFFF

 BD4E29

 FF9E72

 9F3412

 FFB98C

 811800

 FFD6A7

 630000

 FFF2C3

 460000

 FFFFDF

 2C0001

 FFFFFB

 000000

 DC6841

 DC6841

 DC582B

 DC7857

 DC4715

 DC896D

 DC3700

 DC9983

 DCAA99

 DCBAAF

 DCCBC5

 DCDBDB

 DCECF1

 DCFCFF

# Harmonies

## Analogous

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



EA5772



DC6841



BA7E19

# Triad

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



DC6841



00A16D



5287F1

# Complementary

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



DC6841



41B5DC

# 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.



0098F0



DC6841



00A3A4

# Square

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



DC6841



4E9B3A



00A0D4



AF70D6

# Rectangle

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



DC6841



9C8B0A



00A0D4



008DF4



# Sweetspot

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



DC6841



FFD7C9



DC41B5



806860



000000



808080



# Same Dimension

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



DC6841



FF5D26



DCB541



6E6563



AD2C00



2E0C00



# Inverse Universe

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



41B5DC



26C8FF



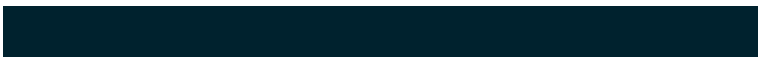
4168DC



636B6E



0082AD

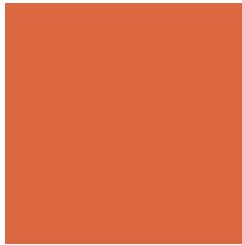


00222E



# Previews

## White Background



This preview shows how the Hex color DC6841 looks on a white background.

## Color Contrast Check

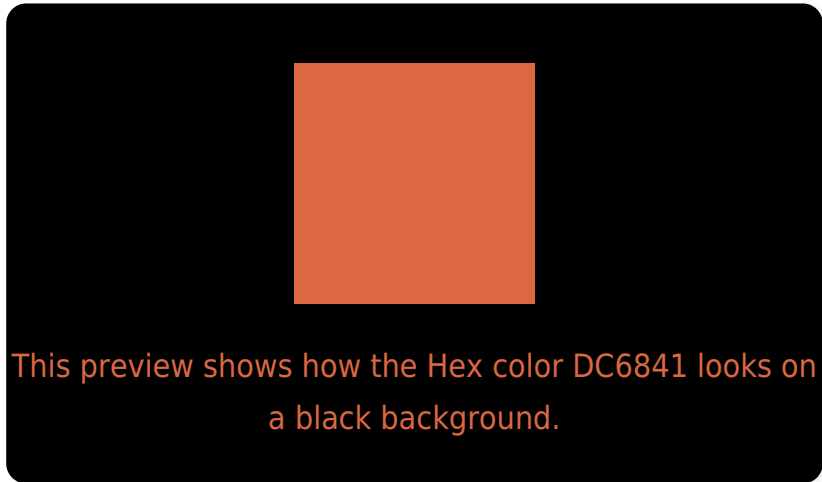
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex DC6841 Background



This preview shows how black text looks on a background with the Hex color DC6841.



This preview shows how white text looks on a background with the Hex color DC6841.

# 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**  
DC6841

**Protanopia**  
998B4C

**Deuteranopia**  
AC843B



**Tritanopia**  
DE636A

# Trichromacy



**Original Color**  
DC6841

**Protanomaly**  
B17E48

**Deuteranomaly**  
BD7A3D

**Tritanomaly**  
DD655B

# Monochromacy



**Original Color**  
DC6841

**Achromatopsia**  
868686

**Achromatomaly**  
A57B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC6841 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 #DC6841 looks like.

```
.text, #text, p{  
    color:#DC6841  
}
```

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 #DC6841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6841
}
```

## Border

The CSS property to change the border of an element to Hex DC6841 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
#DC6841 }
```

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

```
.border{ border-color:#DC6841 }
```

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

Here you see how a box with a 4 pixel #DC6841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6841; -webkit-box-shadow:4px 4px  
4px 4px #DC6841; box-shadow:4px 4px 4px  
4px #DC6841 }
```

# Background

The CSS property to change the background color of an element to Hex DC6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6841 }
```

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

```
.background{ background-color:#DC6841 }
```

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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