

Converting Colors

Hex(DD672D)

Have a look what the booklet for
Hex(DD672D) contains.

Hex(DD672D)	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(DD672D)

Conversions

Conversions Part 1

Format	Color
Hex	DD672D
RGB	221, 103, 45
RGB Percent	87%, 40%, 18%
CMY	0.1333, 0.5961, 0.8235
CMYK	0.00, 0.53, 0.80, 0.13
HSL	20°, 72%, 52%
HSV	20°, 80%, 87%
XYZ	35.1427, 25.2621, 5.5065
YIQ	131.6700, 88.9460, 6.9780

Conversions

Conversions Part 2

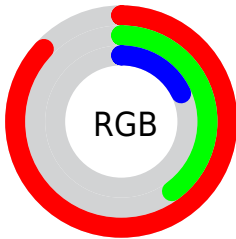
Format	Color
R_{YB}	221, 132, 45
Decimal	14509869
CIE _{Lab}	57.33, 42.79, 52.47
CIE _{LCh}	57, 67.707, 50.801
Yxy	25.2621, 0.5332, 0.3833
Android (android.graphics.Color)	4292699949 (0xFFDD672D)
YUV	131.6700, -42.7283, 78.3424
Hunter-Lab	50.2614, 36.8494, 28.6874

Details

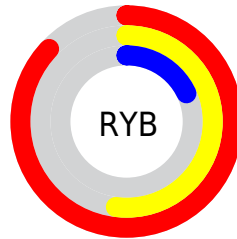
The Hex color **DD672D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2DA3DD**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9C5F**, and **9F3300** is the 20% darker color. If you saturate the color by 10%, you get **DD5817**, and if you desaturate by 10%, it is **DD7643**.

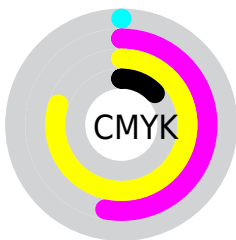
Distribution



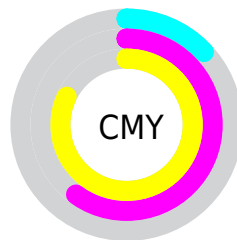
- Red (87%)
- Green (40%)
- Blue (18%)



- Red (87%)
- Yellow (52%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD672D 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 DD672D by changing the saturation by 10% instead.

 DD672D

 DD672D

FFFFFF

 BE4D13

 FF9C5F

 9F3300

 FFB879

 811700

 FFD493

 620000

 FFF1AF

 450000

 FFFFCA

 2C0001

 FFFF7E

 000000

 DD672D

 DD672D

 DD5817

 DD7643

 DD4901

 DD8559

 DD4900

 DD936F

 DDA285

 DDB19B

 DDC0B2

 DDCFC8

 DDEDE

 DDECF4

Harmonies

Analogous

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



F24F63



DD672D



B48100

Triad

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



DD672D



00A375



6082F9

Complementary

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



DD672D



2DA3DD

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.



0096FF



DD672D



00A5B2

Square

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



DD672D



2A9E39



00A1E5



BE66D5

Rectangle

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



DD672D



918E00



00A1E5



008AFF

Sweetspot

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



DD672D



FFD6C2



DD2DA5



80675B



000000



808080

Same Dimension

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



DD672D



FF5B0A



DDBD2D



6E6663



AD3900



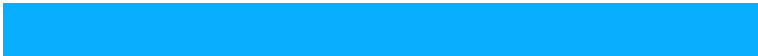
2E0F00

Inverse Universe

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



2DA3DD



0AAEFF



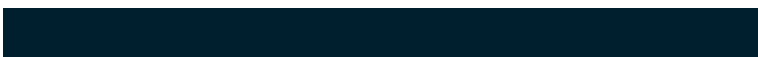
2D4DDD



636A6E



0074AD



001F2E

Previews

White Background



This preview shows how the Hex color DD672D looks on a white background.

Color Contrast Check

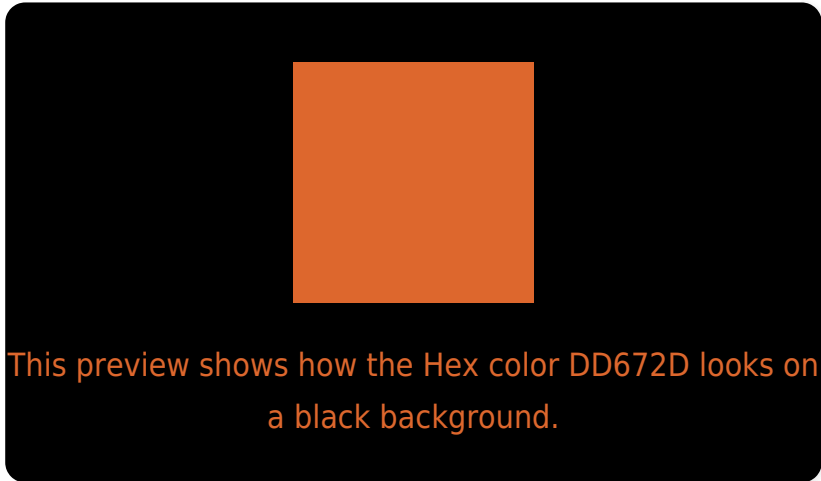
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD672D Background



This preview shows how black text looks on a background with the Hex color DD672D.

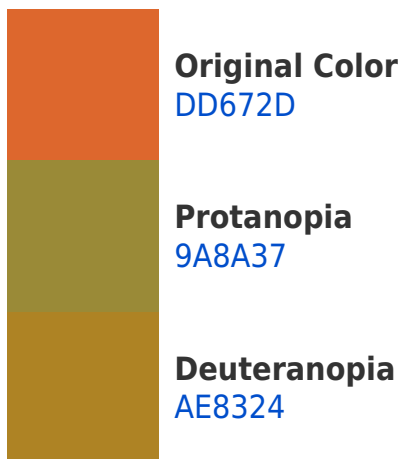


This preview shows how white text looks on a background with the Hex color DD672D.

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



Trichromacy



Original Color
DD672D

Protanomaly
B27D33

Deuteranomaly
BF7927

Tritanomaly
DE6352

Monochromacy



Original Color
DD672D

Achromatopsia
848484

Achromatomaly
A47964

CSS Examples

Text

The CSS property to change the color of the text to Hex DD672D 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 #DD672D looks like.

```
.text, #text, p{  
    color:#DD672D  
}
```

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 #DD672D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD672D
}
```

Border

The CSS property to change the border of an element to Hex DD672D 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
#DD672D }
```

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

```
.border{ border-color:#DD672D }
```

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

Here you see how a box with a 4 pixel #DD672D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD672D; -webkit-box-shadow:4px 4px  
4px 4px #DD672D; box-shadow:4px 4px 4px  
4px #DD672D }
```

Background

The CSS property to change the background color of an element to Hex DD672D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD672D }
```

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

```
.background{ background-color:#DD672D }
```

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