

Converting Colors

Hex(DD4637)

Have a look what the booklet for
Hex(DD4637) contains.

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Color

Hex(DD4637)

Conversions

Conversions Part 1

Format	Color
Hex	DD4637
RGB	221, 70, 55
RGB Percent	87%, 27%, 22%
CMY	0.1333, 0.7255, 0.7843
CMYK	0.00, 0.68, 0.75, 0.13
HSL	5°, 71%, 54%
HSV	5°, 75%, 87%
XYZ	32.6985, 20.0283, 5.7569
YIQ	113.4390, 94.8110, 27.3470

Conversions

Conversions Part 2

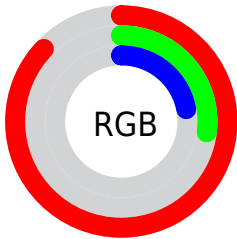
Format	Color
RYB	221, 71, 55
Decimal	14501431
CIELab	51.87, 57.81, 41.95
CIElCh	52, 71.426, 35.968
Yxy	20.0283, 0.5591, 0.3425
Android (android.graphics.Color)	4292691511 (0xFFDD4637)
YUV	113.4390, -28.8104, 94.3310
Hunter-Lab	44.7530, 52.1023, 23.7002

Details

The Hex color **DD4637** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37CEDD**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7E67**, and **9E000A** is the 20% darker color. If you saturate the color by 10%, you get **DD3221**, and if you desaturate by 10%, it is **DD5A4D**.

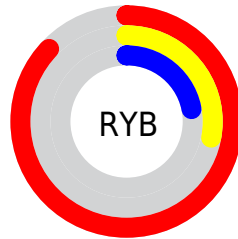
Distribution



Red (87%)

Green (27%)

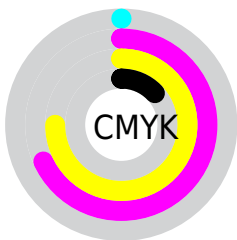
Blue (22%)



Red (87%)

Yellow (28%)

Blue (22%)

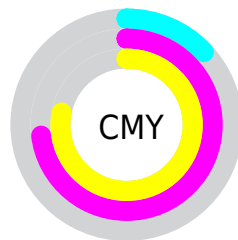


Cyan (0%)

Magenta (68%)

Yellow (75%)

Black (13%)



Cyan (13%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD4637 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 DD4637 by changing the saturation by 10% instead.

 DD4637

 DD4637

FFFFFF

 BD2720

 FF7E67

 9E000A

 FF9A80

 7F0000

 FFB79B

 600000

 FFD4B6

 440002

 FFF1D1

 240001

 FFFFEE

 000000

 DD4637

 DD4637

 DD3221

 DD5A4D

 DD1E0B

 DD6E63

 DD1400

 DD8279

 DD968F

 DDABA6

 DDBFBC

 DDD3D2

 DDE7E8

 DDFBFE

Harmonies

Analogous

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



E53072



DD4637



BC6500

Triad

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



DD4637



009346



0080F7

Complementary

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



DD4637



37CEDD

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.



008FEC



DD4637



009687

Square

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



DD4637



498C00



0096C2



8965E0

Rectangle

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



DD4637



9D7600



0096C2



0086F7

Sweetspot

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



DD4637



FFCAC4



DD37CF



805F5C



000000



808080

Same Dimension

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



DD4637



FF2E19



DD9837



6E6463



AD1000



2E0400

Inverse Universe

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



37CEDD



19EAFF



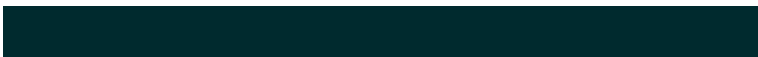
377CDD



636D6E



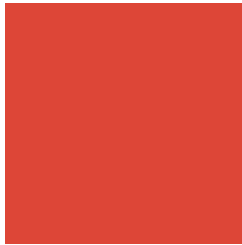
009EAD



002A2E

Previews

White Background



This preview shows how the Hex color DD4637 looks on a white background.

Color Contrast Check

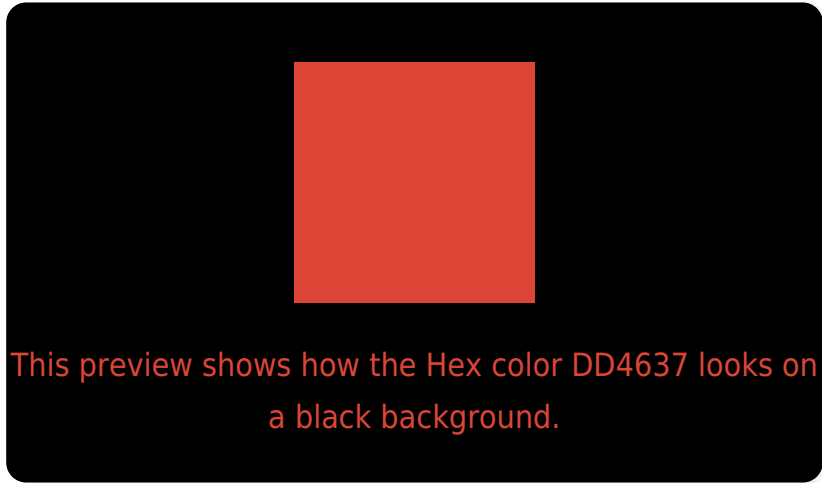
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD4637 Background



This preview shows how black text looks on a background with the Hex color DD4637.

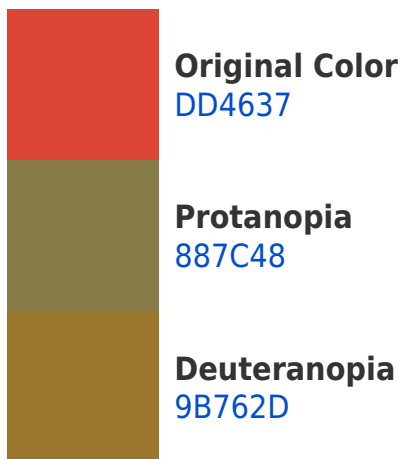


This preview shows how white text looks on a background with the Hex color DD4637.

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
DD4637

Protanomaly
A76842

Deuteranomaly
B36531

Tritanomaly
DE4541

Monochromacy



Original Color
DD4637

Achromatopsia
717171

Achromatomaly
98615C

CSS Examples

Text

The CSS property to change the color of the text to Hex DD4637 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 #DD4637 looks like.

```
.text, #text, p{  
    color:#DD4637  
}
```

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 #DD4637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4637
}
```

Border

The CSS property to change the border of an element to Hex DD4637 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".

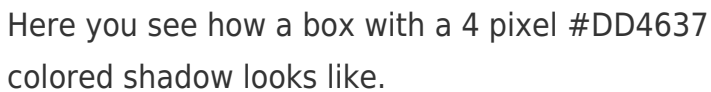
```
.border, #border, table{ border:4px solid
#DD4637 }
```

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

```
.border{ border-color:#DD4637 }
```

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

Here you see how a box with a 4 pixel #DD4637 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4637; -webkit-box-shadow:4px 4px  
4px 4px #DD4637; box-shadow:4px 4px 4px  
4px #DD4637 }
```

Background

The CSS property to change the background color of an element to Hex DD4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4637 }
```

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

```
.background{ background-color:#DD4637 }
```

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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