

Converting Colors

Hex(D04637)

Have a look what the booklet for
Hex(D04637) contains.

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Color

Hex(D04637)

Conversions

Conversions Part 1

Format	Color
Hex	D04637
RGB	208, 70, 55
RGB Percent	82%, 27%, 22%
CMY	0.1843, 0.7255, 0.7843
CMYK	0.00, 0.66, 0.74, 0.18
HSL	6°, 62%, 52%
HSV	6°, 74%, 82%
XYZ	28.8922, 18.0661, 5.5787
YIQ	109.5520, 87.0630, 24.5910

Conversions

Conversions Part 2

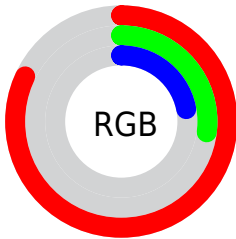
Format	Color
R_{YB}	208, 72, 55
Decimal	13649463
CIE Lab	49.58, 53.53, 38.78
CIE LCh	50, 66.104, 35.919
Yxy	18.0661, 0.5499, 0.3439
Android (android.graphics.Color)	4291839543 (0xFFD04637)
YUV	109.5520, -26.8941, 86.3389
Hunter-Lab	42.5042, 46.9529, 21.9710

Details

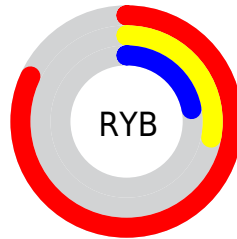
The Hex color **D04637** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37C1D0**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7D67**, and **92000B** is the 20% darker color. If you saturate the color by 10%, you get **D03322**, and if you desaturate by 10%, it is **D0594C**.

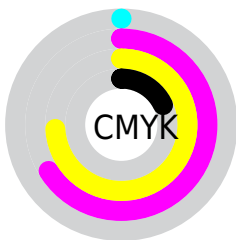
Distribution



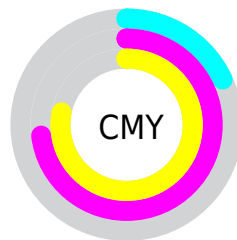
- Red (82%)
- Green (27%)
- Blue (22%)



- Red (82%)
- Yellow (28%)
- Blue (22%)



- Cyan (0%)
- Magenta (66%)
- Yellow (74%)
- Black (18%)



- Cyan (18%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D04637 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 D04637 by changing the saturation by 10% instead.

 D04637

 D04637

FFFFFF

 B12921

 FF7D67

 92000B

 FF9980

 740000

 FFB59A

 550000

 FFD2B5

 3B0002

 FFEFD1

 140000

 FFFFED

 000000

 D04637

 D04637

 D03322

 D0594C

 D0200D

 D06C61

 D01400

 D07E75

 D0918A

 D0A49F

 D0B7B4

 D0C9C9

 D0DCDD

 D0EFF2

Harmonies

Analogous

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



D7346D



D04637



B26200

Triad

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



D04637



008C45



0079E7

Complementary

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



D04637



37C1D0

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.



0088DD



D04637



008F80

Square

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



D04637



488500



008EB7



8361D2

Rectangle

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



D04637



957100



008EB7



007FE7

Sweetspot

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



D04637



FFCC7



D037C3



80625E



000000



808080

Same Dimension

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



D04637



FF351F



D09037



695F5E



A81000



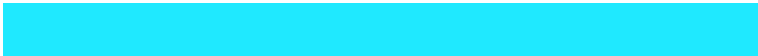
290400

Inverse Universe

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



37C1D0



1FE9FF



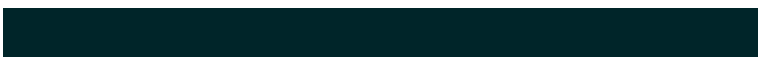
3777D0



5E6869



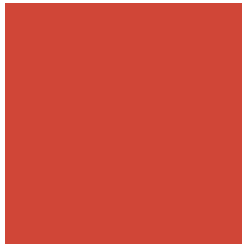
0098A8



002529

Previews

White Background



This preview shows how the Hex color D04637 looks on a white background.

Color Contrast Check

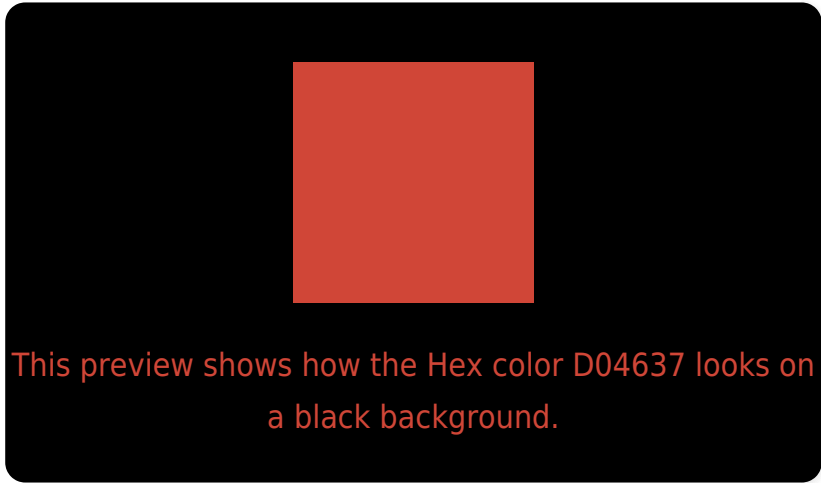
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 D04637 Background



This preview shows how black text looks on a background with the Hex color D04637.



This preview shows how white text looks on a background with the Hex color D04637.

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
D04637

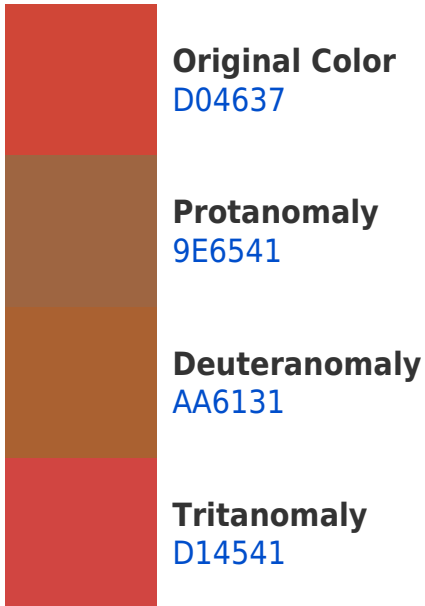
Protanopia
827747

Deuteranopia
94712E



Tritanopia
D14447

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D04637 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 #D04637 looks like.

```
.text, #text, p{  
    color:#D04637  
}
```

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 #D04637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04637
}
```

Border

The CSS property to change the border of an element to Hex D04637 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".

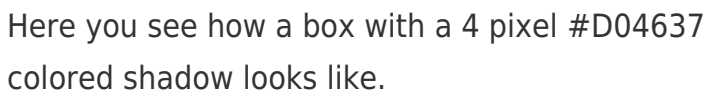
```
.border, #border, table{ border:4px solid
#D04637 }
```

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

```
.border{ border-color:#D04637 }
```

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

Here you see how a box with a 4 pixel #D04637 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04637; -webkit-box-shadow:4px 4px  
4px 4px #D04637; box-shadow:4px 4px 4px  
4px #D04637 }
```

Background

The CSS property to change the background color of an element to Hex D04637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04637 }
```

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

```
.background{ background-color:#D04637 }
```

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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