

Converting Colors

Hex(DD4936)

Have a look what the booklet for
Hex(DD4936) contains.

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Color

Hex(DD4936)

Conversions

Conversions Part 1

Format	Color
Hex	DD4936
RGB	221, 73, 54
RGB Percent	87%, 29%, 21%
CMY	0.1333, 0.7137, 0.7882
CMYK	0.00, 0.67, 0.76, 0.13
HSL	7°, 71%, 54%
HSV	7°, 76%, 87%
XYZ	32.8672, 20.4036, 5.6960
YIQ	115.0860, 94.3070, 25.4670

Conversions

Conversions Part 2

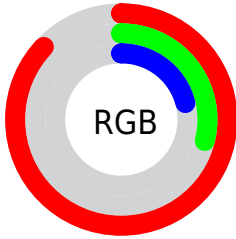
Format	Color
RYB	221, 75, 54
Decimal	14502198
CIELab	52.29, 56.59, 42.94
CIElCh	52, 71.042, 37.190
Yxy	20.4036, 0.5574, 0.3460
Android (android.graphics.Color)	4292692278 (0xFFDD4936)
YUV	115.0860, -30.1154, 92.8866
Hunter-Lab	45.1703, 50.8335, 24.1427

Details

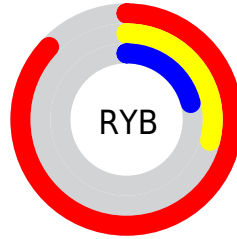
The Hex color **DD4936** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36CADD**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8166**, and **9E0008** is the 20% darker color. If you saturate the color by 10%, you get **DD3520**, and if you desaturate by 10%, it is **DD5D4C**.

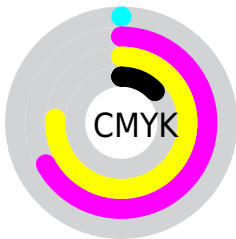
Distribution



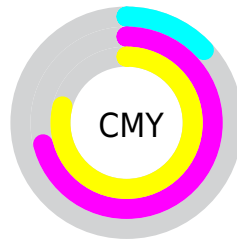
- Red (87%)
- Green (29%)
- Blue (21%)



- Red (87%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (67%)
- Yellow (76%)
- Black (13%)



- Cyan (13%)
- Magenta (71%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD4936 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 DD4936 by changing the saturation by 10% instead.

 DD4936

 DD4936

FFFFFF

 BD2B1F

 FF8166

 9E0008

 FF9D80

 7F0000

 FFB99A

 600000

 FFD6B5

 440002

 FFF4D1

 250001

 FFFFED

 000000

 DD4936

 DD4936

 DD3520

 DD5D4C

■ DD220A

■ DD7062

■ DD1900

■ DD8478

■ DD978E

■ DDABA5

■ DDBFBB

■ DDD2D1

■ DDE6E7

■ DDF9FD

Harmonies

Analogous

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



E73271



DD4936



BB6800

Triad

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



DD4936



00954A



0080F7

Complementary

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



DD4936



36CADD

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.



0090EE



DD4936



00978A

Square

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



DD4936



478D00



0096C5



8E65DF

Rectangle

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



DD4936



9C7800



0096C5



0086F8

Sweetspot

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



DD4936



FFCBC4



DD36CC



80605C



000000



808080

Same Dimension

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



DD4936



FF3117



DD9A36



6E6463



AD1400



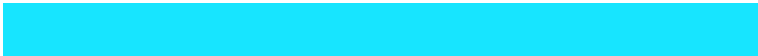
2E0500

Inverse Universe

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



36CADD



17E5FF



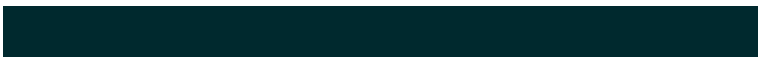
3679DD



636C6E



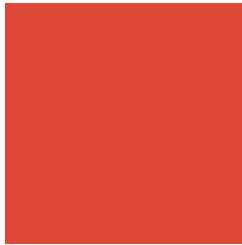
009AAD



00292E

Previews

White Background



This preview shows how the Hex color DD4936 looks on a white background.

Color Contrast Check

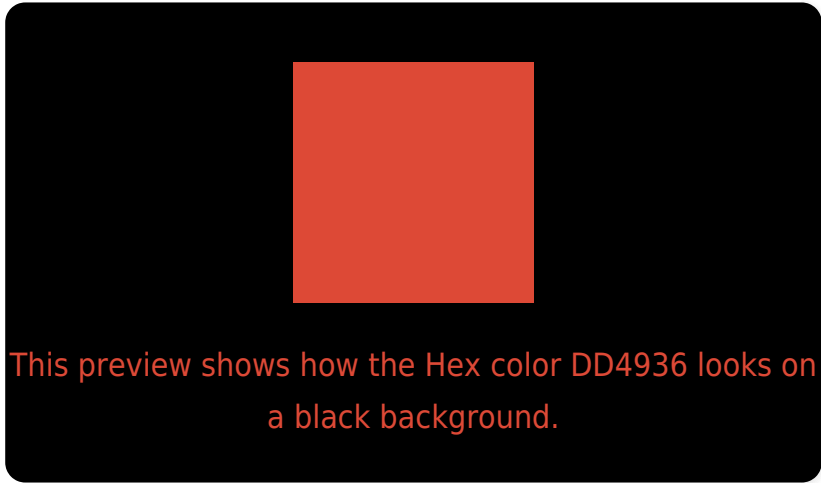
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD4936 Background



This preview shows how black text looks on a background with the Hex color DD4936.



This preview shows how white text looks on a background with the Hex color DD4936.

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
DD4936

Protanopia
8A7D46

Deuteranopia
9D772C



Tritanopia
DE464A

Trichromacy



Original Color
DD4936

Protanomaly
A86A40

Deuteranomaly
B46630

Tritanomaly
DE4743

Monochromacy



Original Color
DD4936

Achromatopsia
737373

Achromatomaly
9A645D

CSS Examples

Text

The CSS property to change the color of the text to Hex DD4936 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 #DD4936 looks like.

```
.text, #text, p{  
    color:#DD4936  
}
```

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 #DD4936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4936
}
```

Border

The CSS property to change the border of an element to Hex DD4936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

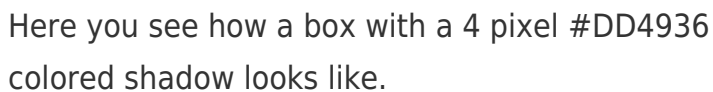
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DD4936 }
```

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

```
.border{ border-color:#DD4936 }
```

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



Here you see how a box with a 4 pixel #DD4936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4936; -webkit-box-shadow:4px 4px  
4px 4px #DD4936; box-shadow:4px 4px 4px  
4px #DD4936 }
```

Background

The CSS property to change the background color of an element to Hex DD4936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4936 }
```

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

```
.background{ background-color:#DD4936 }
```

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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