

# Converting Colors

Hex(DD4A34)

Have a look what the booklet for  
Hex(DD4A34) contains.

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# Color

Hex(DD4A34)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD4A34
RGB	221, 74, 52
RGB Percent	87%, 29%, 20%
CMY	0.1333, 0.7098, 0.7961
CMYK	0.00, 0.67, 0.76, 0.13
HSL	8°, 71%, 54%
HSV	8°, 76%, 87%
XYZ	32.8874, 20.5176, 5.4758
YIQ	115.4450, 94.6740, 24.3220

# Conversions

## Conversions Part 2

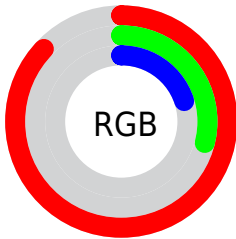
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 77, 52
Decimal	14502452
CIE <sub>Lab</sub>	52.42, 56.12, 44.14
CIE <sub>LCh</sub>	52, 71.397, 38.186
Yxy	20.5176, 0.5585, 0.3485
Android (android.graphics.Color)	4292692532 (0xFFDD4A34)
YUV	115.4450, -31.2784, 92.5717
Hunter-Lab	45.2964, 50.3310, 24.5401

# Details

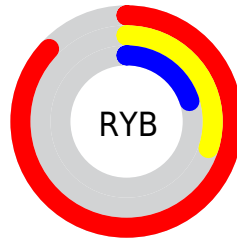
The Hex color **DD4A34** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34C7DD**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8264**, and **9E0006** is the 20% darker color. If you saturate the color by 10%, you get **DD371E**, and if you desaturate by 10%, it is **DD5D4A**.

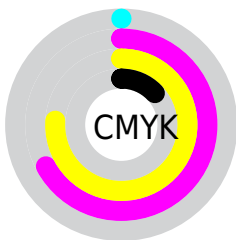
# Distribution



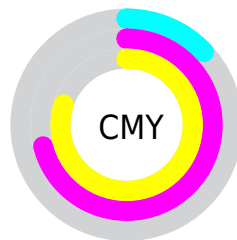
- Red (87%)
- Green (29%)
- Blue (20%)



- Red (87%)
- Yellow (30%)
- Blue (20%)



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



- Cyan (13%)
- Magenta (71%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD4A34 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 DD4A34 by changing the saturation by 10% instead.



 DD4A34

 DD4A34

FFFFFF

 BD2C1D

 FF8264

 9E0006

 FF9E7E

 7F0000

 FFBA98

 600000

 FFD7B3

 440002

 FFF4CF

 250001

 FFFFEB

 000000

 DD4A34

 DD4A34

 DD371E

 DD5D4A

 DD2408

 DD7060

 DD1D00

 DD8476

 DD978C

 DDAAA2

 DDBDB9

 DDD1CF

 DDE4E5

 DDF7FB

# Harmonies

## Analogous

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



E8326F



DD4A34



BA6900

# Triad

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



DD4A34



00954C



007FF8

# Complementary

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



DD4A34



34C7DD

# 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.



0090EF



DD4A34



00988D

# Square

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



DD4A34



448E00



0097C8



9264DE

# Rectangle

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



DD4A34



9A7900



0097C8



0086F9



# Sweetspot

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



DD4A34



FFCC4



DD34C9



80605C



000000



808080



# Same Dimension

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



DD4A34



FF3314



DD9C34



6E6463



AD1700



2E0600

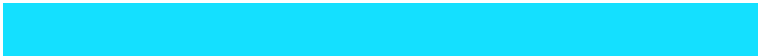


# Inverse Universe

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



34C7DD



14E0FF



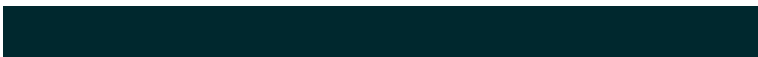
3475DD



636C6E



0097AD



00282E



# Previews

## White Background



This preview shows how the Hex color DD4A34 looks on a white background.

## Color Contrast Check

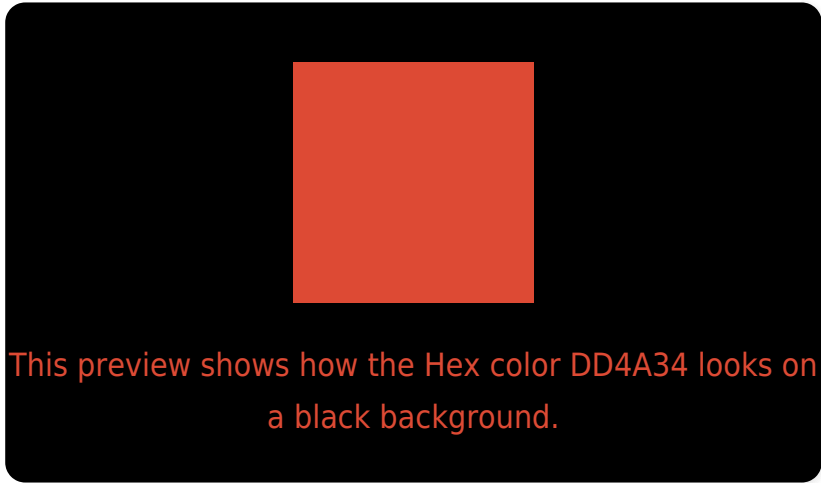
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD4A34 Background



This preview shows how black text looks on a background with the Hex color DD4A34.



This preview shows how white text looks on a background with the Hex color DD4A34.

# 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**  
DD4A34

**Protanopia**  
8A7E44

**Deuteranopia**  
9D7729



**Tritanopia**  
DE474B

# Trichromacy



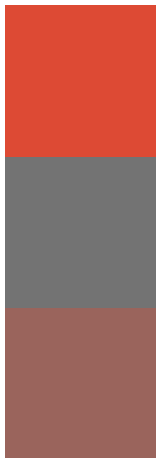
**Original Color**  
DD4A34

**Protanomaly**  
A86B3E

**Deuteranomaly**  
B4672D

**Tritanomaly**  
DE4843

# Monochromacy



**Original Color**  
DD4A34

**Achromatopsia**  
737373

**Achromatomaly**  
9A645C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD4A34 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 #DD4A34 looks like.

```
.text, #text, p{  
    color:#DD4A34  
}
```

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 #DD4A34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4A34
}
```

## Border

The CSS property to change the border of an element to Hex DD4A34 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
#DD4A34 }
```

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

```
.border{ border-color:#DD4A34 }
```

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

Here you see how a box with a 4 pixel #DD4A34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4A34; -webkit-box-shadow:4px 4px  
4px 4px #DD4A34; box-shadow:4px 4px 4px  
4px #DD4A34 }
```

# Background

The CSS property to change the background color of an element to Hex DD4A34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4A34 }
```

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

```
.background{ background-color:#DD4A34 }
```

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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