

Converting Colors

Hex(D44E49)

Have a look what the booklet for
Hex(D44E49) contains.

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Color

Hex(D44E49)

Conversions

Conversions Part 1

Format	Color
Hex	D44E49
RGB	212, 78, 73
RGB Percent	83%, 31%, 29%
CMY	0.1686, 0.6941, 0.7137
CMYK	0.00, 0.63, 0.66, 0.17
HSL	2°, 62%, 56%
HSV	2°, 66%, 83%
XYZ	31.0784, 19.9269, 8.5116
YIQ	117.4960, 81.4690, 26.8530

Conversions

Conversions Part 2

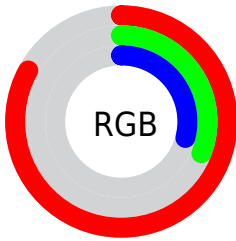
Format	Color
RYB	212, 78, 73
Decimal	13913673
CIELab	51.75, 52.42, 31.30
CIELCh	52, 61.054, 30.844
Yxy	19.9269, 0.5222, 0.3348
Android (android.graphics.Color)	4292103753 (0xFFD44E49)
YUV	117.4960, -21.9365, 82.8800
Hunter-Lab	44.6395, 46.1539, 19.9426

Details

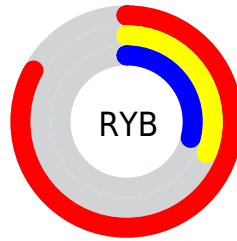
The Hex color **D44E49** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **49CFD4**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF857A**, and **970F1D** is the 20% darker color. If you saturate the color by 10%, you get **D43A34**, and if you desaturate by 10%, it is **D4625E**.

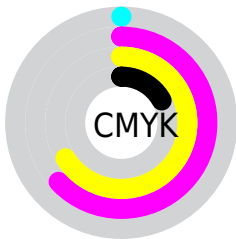
Distribution



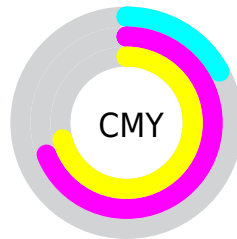
- Red (83%)
- Green (31%)
- Blue (29%)



- Red (83%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (63%)
- Yellow (66%)
- Black (17%)



- Cyan (17%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D44E49 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 D44E49 by changing the saturation by 10% instead.

 D44E49

 D44E49

FFFFFF

 B53232

 FF857A

 970F1D

 FFA094

 790006

 FFBDAE

 5B0000

 FFD9CA

 3F0002

 FFF7E6

 1F0001

 000000

 D44E49

 D44E49

 D43A34

 D4625E

 D4251F

 D47773

 D41109

 D48B89

 D40800

 D4A09E

 D4B4B3

 D4C9C8

 D4DDDD

 D4F1F3

 D4FFFF

Harmonies

Analogous

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



D6447C



D44E49



BB651A

Triad

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



D44E49



009045



0081E4

Complementary

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



D44E49



49CFD4

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.



008ED6



D44E49



00937B

Square

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



D44E49



5E8810



0093B0



7B6DD6

Rectangle

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



D44E49



A17300



0093B0



0086E3

Sweetspot

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



D44E49



FFCECC



D449CF



806261



000000



808080

Same Dimension

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



D44E49



FF3D36



D49349



6B6160



AB0600



2B0200

Inverse Universe

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



49CFD4



36F8FF



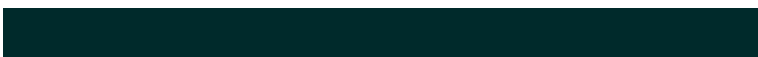
498AD4



606B6B



00A5AB



002A2B

Previews

White Background



This preview shows how the Hex color D44E49 looks on a white background.

Color Contrast Check

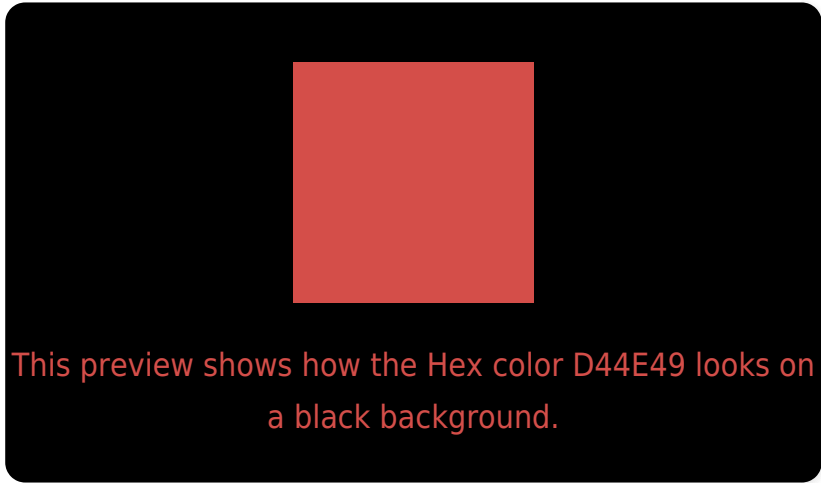
Large Text (above 18pt) WCAG AA ✓ Pass

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 D44E49 Background



This preview shows how black text looks on a background with the Hex color D44E49.



This preview shows how white text looks on a background with the Hex color D44E49.

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
D44E49

Protanopia
857C5B

Deuteranopia
987642



Tritanopia
D44D51

Trichromacy



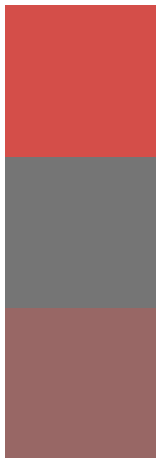
Original Color
D44E49

Protanomaly
A26B54

Deuteranomaly
AE6745

Tritanomaly
D44D4E

Monochromacy



Original Color
D44E49

Achromatopsia
757575

Achromatomaly
986765

CSS Examples

Text

The CSS property to change the color of the text to Hex D44E49 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 #D44E49 looks like.

```
.text, #text, p{  
    color:#D44E49  
}
```

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 #D44E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44E49
}
```

Border

The CSS property to change the border of an element to Hex D44E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

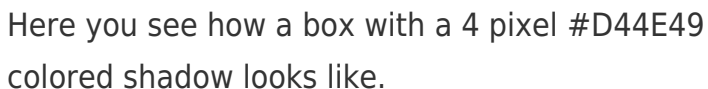
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D44E49 }
```

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

```
.border{ border-color:#D44E49 }
```

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



Here you see how a box with a 4 pixel #D44E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44E49; -webkit-box-shadow:4px 4px  
4px 4px #D44E49; box-shadow:4px 4px 4px  
4px #D44E49 }
```

Background

The CSS property to change the background color of an element to Hex D44E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44E49 }
```

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

```
.background{ background-color:#D44E49 }
```

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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