

Converting Colors

Hex(D44E41)

Have a look what the booklet for
Hex(D44E41) contains.

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Color

Hex(D44E41)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D44E41 |
| RGB | 212, 78, 65 |
| RGB Percent | 83%, 31%, 25% |
| CMY | 0.1686, 0.6941, 0.7451 |
| CMYK | 0.00, 0.63, 0.69, 0.17 |
| HSL | 5°, 63%, 54% |
| HSV | 5°, 69%, 83% |
| XYZ | 30.8299, 19.8275, 7.2032 |
| YIQ | 116.5840, 84.0370, 24.3650 |

Conversions

Conversions Part 2

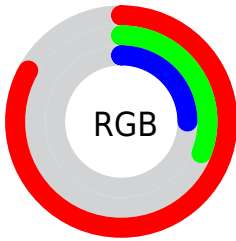
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 212, 79, 65 |
| Decimal | 13913665 |
| CIE Lab | 51.64, 51.98, 35.74 |
| CIE LCh | 52, 63.082, 34.505 |
| Yxy | 19.8275, 0.5328, 0.3427 |
| Android (android.graphics.Color) | 4292103745 (0xFFD44E41) |
| YUV | 116.5840, -25.4309, 83.6798 |
| Hunter-Lab | 44.5281, 45.6640, 21.5784 |

Details

The Hex color **D44E41** 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 **41C7D4**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8571**, and **960F15** is the 20% darker color. If you saturate the color by 10%, you get **D43B2C**, and if you desaturate by 10%, it is **D46156**.

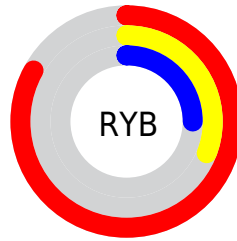
Distribution



Red (83%)

Green (31%)

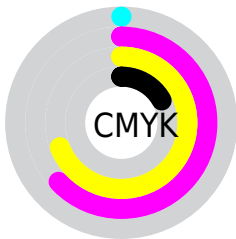
Blue (25%)



Red (83%)

Yellow (31%)

Blue (25%)

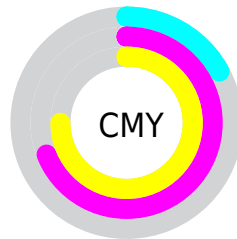


Cyan (0%)

Magenta (63%)

Yellow (69%)

Black (17%)



Cyan (17%)

Magenta (69%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D44E41 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 D44E41 by changing the saturation by 10% instead.

 D44E41

 D44E41

FFFFFF

 B5322A

 FF8571

 960F15

 FFA08B

 780000

 FFBDA6

 5A0000

 FFD9C1

 3E0002

 FFF7DD

 1D0001

 FFFFF9

 000000

 D44E41

 D44E41

 D43B2C

 D46156

 D42717

 D4756B

 D41401

 D48881

 D41300

 D49B96

 D4AFAB

 D4C2C0

 D4D5D5

 D4E9EB

 D4FCFF

Harmonies

Analogous

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



DA4075



D44E41



B8670C

Triad

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



D44E41



00904A



007FE7

Complementary

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



D44E41



41C7D4

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.



008DDD



D44E41



009482

Square

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



D44E41



548911



0093B7



8569D5

Rectangle

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



D44E41



9C7500



0093B7



0085E7

Sweetspot

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



D44E41



FFCEC9



D441C8



806260



000000



808080

Same Dimension

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



D44E41



FF3E2B



D49741



6B6160



AB0F00



2B0400

Inverse Universe

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



41C7D4



2BECFF



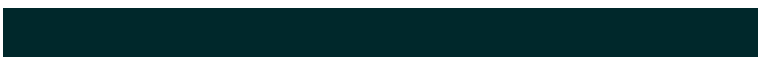
417ED4



606A6B



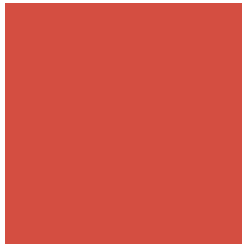
009CAB



00282B

Previews

White Background



This preview shows how the Hex color D44E41 looks on a white background.

Color Contrast Check

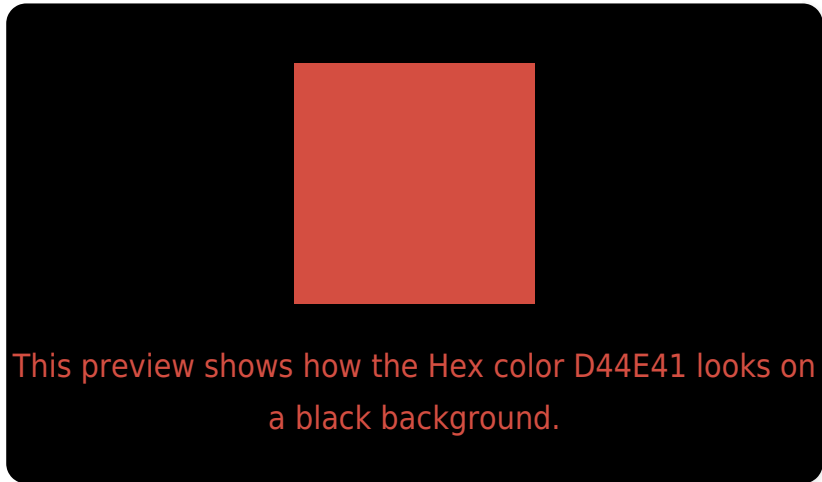
Large Text (above 18pt) WCAG AA ✓ Pass

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 D44E41 Background



This preview shows how black text looks on a background with the Hex color D44E41.



This preview shows how white text looks on a background with the Hex color D44E41.

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](#).

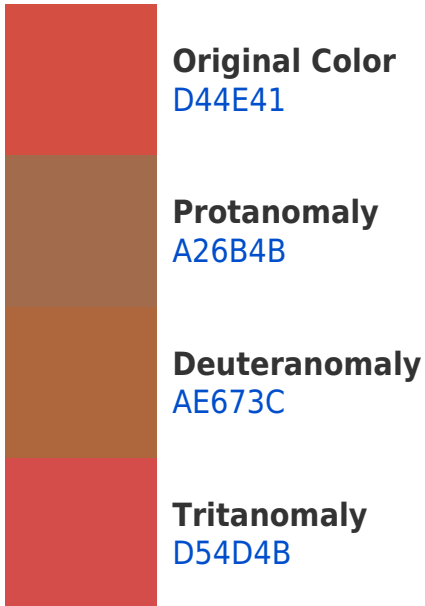
Dichromacy





Tritanopia
D54C50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D44E41 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 #D44E41 looks like.

```
.text, #text, p{  
    color:#D44E41  
}
```

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 #D44E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44E41
}
```

Border

The CSS property to change the border of an element to Hex D44E41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

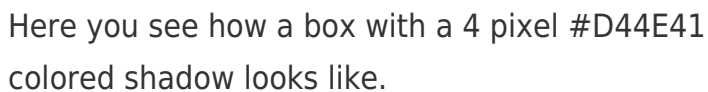
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D44E41 }
```

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

```
.border{ border-color:#D44E41 }
```

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



Here you see how a box with a 4 pixel #D44E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44E41; -webkit-box-shadow:4px 4px  
4px 4px #D44E41; box-shadow:4px 4px 4px  
4px #D44E41 }
```

Background

The CSS property to change the background color of an element to Hex D44E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44E41 }
```

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

```
.background{ background-color:#D44E41 }
```

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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