

Converting Colors

Hex(D44B44)

Have a look what the booklet for
Hex(D44B44) contains.

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Color

Hex(D44B44)

Conversions

Conversions Part 1

Format	Color
Hex	D44B44
RGB	212, 75, 68
RGB Percent	83%, 29%, 27%
CMY	0.1686, 0.7059, 0.7333
CMYK	0.00, 0.65, 0.68, 0.17
HSL	3°, 63%, 55%
HSV	3°, 68%, 83%
XYZ	30.7108, 19.4466, 7.6038
YIQ	115.1650, 83.8990, 26.8670

Conversions

Conversions Part 2

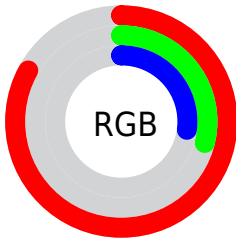
Format	Color
RYB	212, 75, 68
Decimal	13912900
CIELab	51.21, 53.42, 33.51
CIELCh	51, 63.062, 32.100
Yxy	19.4466, 0.5317, 0.3367
Android (android.graphics.Color)	4292102980 (0xFFD44B44)
YUV	115.1650, -23.2523, 84.9243
Hunter-Lab	44.0983, 47.1388, 20.6455

Details

The Hex color **D44B44** 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 **44CDD4**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8275**, and **960718** is the 20% darker color. If you saturate the color by 10%, you get **D4372F**, and if you desaturate by 10%, it is **D45F59**.

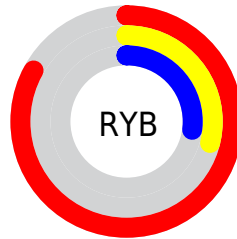
Distribution



Red (83%)

Green (29%)

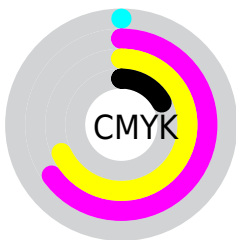
Blue (27%)



Red (83%)

Yellow (29%)

Blue (27%)

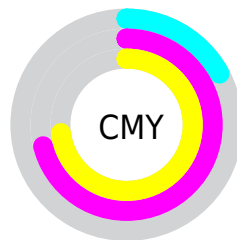


Cyan (0%)

Magenta (65%)

Yellow (68%)

Black (17%)



Cyan (17%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D44B44 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 D44B44 by changing the saturation by 10% instead.

 D44B44

 D44B44

FFFFFF

 B52E2D

 FF8275

 960718

 FF9E8E

 780000

 FFBA A9

 5A0000

 FFD7C4

 3F0002

 FFF4E0

 1D0001

FFFFFFD

 000000

 D44B44

 D44B44

 D4372F

 D45F59

 D4231A

 D4736E

 D40E04

 D48884

 D40A00

 D49C99

 D4B0AE

 D4C4C3

 D4D8D8

 D4ECEE

 D4FFFF

Harmonies

Analogous

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



D73F79



D44B44



B96411

Triad

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



D44B44



008F44



007FE6

Complementary

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



D44B44



44CDD4

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.



008CD9



D44B44



00927C

Square

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



D44B44



598708



0092B2



7D6AD6

Rectangle

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



D44B44



9F7300



0092B2



0085E5

Sweetspot

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



D44B44



FFCECC



D444CF



806261



000000



808080

Same Dimension

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



D44B44



FF382E



D49144



6B6160



AB0800



2B0200

Inverse Universe

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



44CDD4



2EF5FF



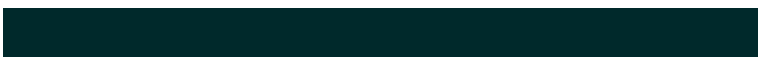
4487D4



606B6B



00A3AB



00292B

Previews

White Background



This preview shows how the Hex color D44B44 looks on a white background.

Color Contrast Check

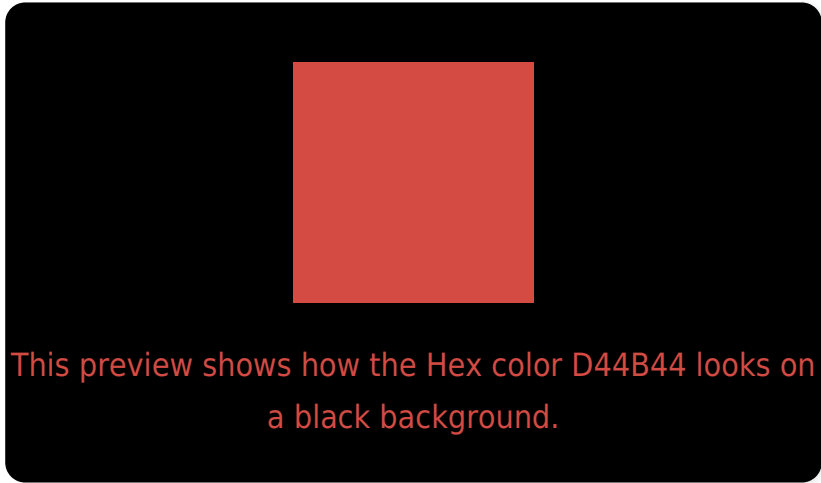
Large Text (above 18pt) WCAG AA ✓ Pass

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 D44B44 Background



This preview shows how black text looks on a background with the Hex color D44B44.



This preview shows how white text looks on a background with the Hex color D44B44.

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
D44B44

Protanopia
847A56

Deuteranopia
97753C



Tritanopia
D44A4E

Trichromacy



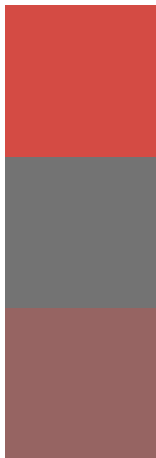
Original Color
D44B44

Protanomaly
A1694F

Deuteranomaly
AD663F

Tritanomaly
D44A4A

Monochromacy



Original Color
D44B44

Achromatopsia
737373

Achromatomaly
966462

CSS Examples

Text

The CSS property to change the color of the text to Hex D44B44 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 #D44B44 looks like.

```
.text, #text, p{  
    color:#D44B44  
}
```

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 #D44B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44B44
}
```

Border

The CSS property to change the border of an element to Hex D44B44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

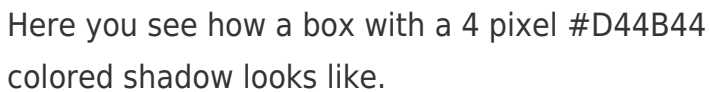
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D44B44 }
```

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

```
.border{ border-color:#D44B44 }
```

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



Here you see how a box with a 4 pixel #D44B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44B44; -webkit-box-shadow:4px 4px  
4px 4px #D44B44; box-shadow:4px 4px 4px  
4px #D44B44 }
```

Background

The CSS property to change the background color of an element to Hex D44B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44B44 }
```

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

```
.background{ background-color:#D44B44 }
```

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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