

Converting Colors

Hex(D24C4C)

Have a look what the booklet for
Hex(D24C4C) contains.

Hex(D24C4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D24C4C)

Conversions

Conversions Part 1

Format	Color
Hex	D24C4C
RGB	210, 76, 76
RGB Percent	82%, 30%, 30%
CMY	0.1765, 0.7020, 0.7020
CMYK	0.00, 0.64, 0.64, 0.18
HSL	0°, 60%, 56%
HSV	0°, 64%, 82%
XYZ	30.4673, 19.3923, 8.9748
YIQ	116.0660, 79.8640, 28.4080

Conversions

Conversions Part 2

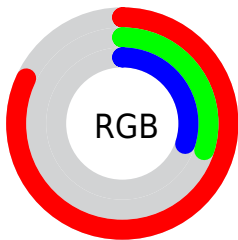
Format	Color
R_{YB}	210, 76, 76
Decimal	13782092
CIE Lab	51.14, 52.78, 28.72
CIE LCh	51, 60.091, 28.556
Yxy	19.3923, 0.5178, 0.3296
Android (android.graphics.Color)	4291972172 (0xFFD24C4C)
YUV	116.0660, -19.7525, 82.3801
Hunter-Lab	44.0367, 46.4330, 18.7423

Details

The Hex color **D24C4C** 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 **4CD2D2**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF837D**, and **950A20** is the 20% darker color. If you saturate the color by 10%, you get **D23737**, and if you desaturate by 10%, it is **D26161**.

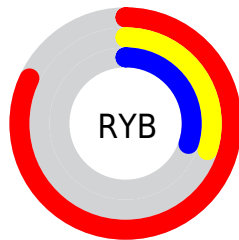
Distribution



Red (82%)

Green (30%)

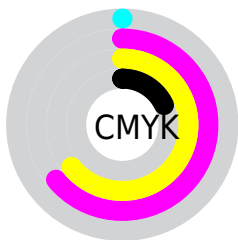
Blue (30%)



Red (82%)

Yellow (30%)

Blue (30%)

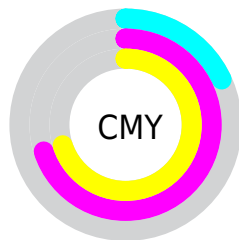


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (18%)



Cyan (18%)

Magenta (70%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color D24C4C 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 D24C4C by changing the saturation by 10% instead.

 D24C4C

 D24C4C

FFFFFF

 B33035

 FF837D

 950A20

 FF9F97

 77000A

 FFBBB2

 590000

 FFD8CD

 3E0002

 FFF5E9

 1C0001

 000000

 D24C4C

 D24C4C

 D23737

 D26161

 D22222

 D27676

 D20D0D

 D28B8B

 D20000

 D2A0A0

 D2B5B5

 D2CACA

 D2DFDF

 D2F4F4

 D2FFFF

Harmonies

Analogous

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



D2447F



D24C4C



BB621E

Triad

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



D24C4C



008D41



0081E1

Complementary

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



D24C4C



4CD2D2

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.



008CD1



D24C4C



009176

Square

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



D24C4C



62850D



0091AA



736DD5

Rectangle

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



D24C4C



A27000



0091AA



0085DF

Sweetspot

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



D24C4C



FFCFCF



D24CD2



806262



000000



808080

Same Dimension

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



D24C4C



FF3B3B



D28F4C



695E5E



A80000



290000

Inverse Universe

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



4CD2D2



3BFFFF



4C8FD2



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D24C4C looks on a white background.

Color Contrast Check

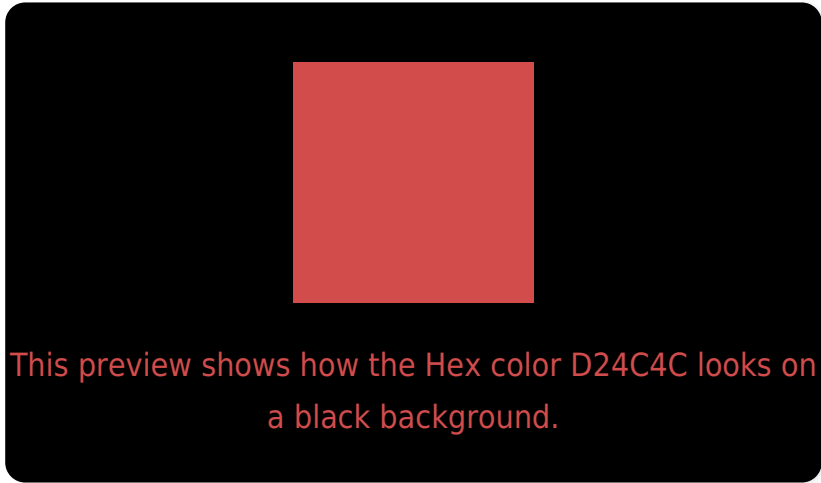
Large Text (above 18pt) WCAG AA ✓ Pass

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 D24C4C Background



This preview shows how black text looks on a background with the Hex color D24C4C.



This preview shows how white text looks on a background with the Hex color D24C4C.

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
D24C4C

Protanopia
837A5F

Deuteranopia
957545



Tritanopia
D24B50

Trichromacy



Original Color
D24C4C

Protanomaly
A06958

Deuteranomaly
AB6648

Tritanomaly
D24B4F

Monochromacy



Original Color
D24C4C

Achromatopsia
747474

Achromatomaly
966565

CSS Examples

Text

The CSS property to change the color of the text to Hex D24C4C 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 #D24C4C looks like.

```
.text, #text, p{  
    color:#D24C4C  
}
```

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 #D24C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24C4C }  
}
```

Border

The CSS property to change the border of an element to Hex D24C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

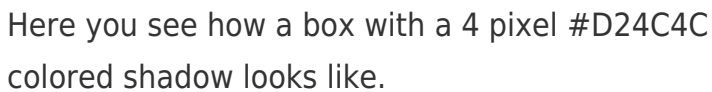
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #D24C4C }  
}
```

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

```
.border{ border-color:#D24C4C }
```

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



Here you see how a box with a 4 pixel #D24C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24C4C; -webkit-box-shadow:4px 4px  
4px 4px #D24C4C; box-shadow:4px 4px 4px  
4px #D24C4C }
```

Background

The CSS property to change the background color of an element to Hex D24C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24C4C }
```

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

```
.background{ background-color:#D24C4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor