

Converting Colors

Hex(DC3F48)

Have a look what the booklet for
Hex(DC3F48) contains.

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Color

Hex(DC3F48)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DC3F48 |
| RGB | 220, 63, 72 |
| RGB Percent | 86%, 25%, 28% |
| CMY | 0.1373, 0.7529, 0.7176 |
| CMYK | 0.00, 0.71, 0.67, 0.14 |
| HSL | 357°, 69%, 55% |
| HSV | 357°, 71%, 86% |
| XYZ | 32.4624, 19.2385, 8.1333 |
| YIQ | 110.9690, 90.6830, 36.0830 |

Conversions

Conversions Part 2

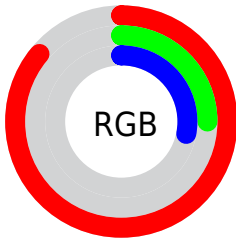
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 220, 63, 72 |
| Decimal | 14434120 |
| CIE Lab | 50.97, 60.86, 31.23 |
| CIE LCh | 51, 68.404, 27.162 |
| Yxy | 19.2385, 0.5425, 0.3215 |
| Android (android.graphics.Color) | 4292624200 (0xFFDC3F48) |
| YUV | 110.9690, -19.2117, 95.6202 |
| Hunter-Lab | 43.8618, 55.3511, 19.7090 |

Details

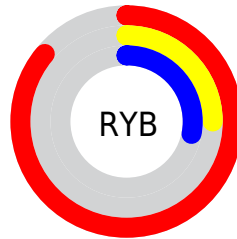
The Hex color **DC3F48** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3FDCD3**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7979**, and **9D001C** is the 20% darker color. If you saturate the color by 10%, you get **DC2933**, and if you desaturate by 10%, it is **DC555D**.

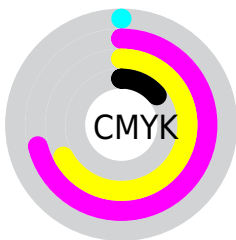
Distribution



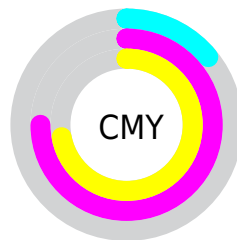
- Red (86%)
- Green (25%)
- Blue (28%)



- Red (86%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (71%)
- Yellow (67%)
- Black (14%)



- Cyan (14%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC3F48 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 DC3F48 by changing the saturation by 10% instead.

 DC3F48

 DC3F48

FFFFFF

 BD1C31

 FF7979

 9D001C

 FF9592

 7F0005

 FFB2AD

 600000

 FFCFC8

 440003

 FFECE4

 240001

 000000

 DC3F48

 DC3F48

 DC2933

 DC555D

 DC131F

 DC6B71

 DC000D

 DC8186

 DC979B

 DCADB0

 DCC3C4

 DCD9D9

 DCEFEE

 DCFFFF

Harmonies

Analogous

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



DB3582



DC3F48



C35C0B

Triad

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



DC3F48



008F35



0082EF

Complementary

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



DC3F48



3FDCD3

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.



008FDB



DC3F48



009372

Square

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



DC3F48



5F8500



0093AD



686CE2

Rectangle

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



DC3F48



A76E00



0093AD



0088EC

Sweetspot

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



DC3F48



FFC9CD



D23FDC



806061



000000



808080

Same Dimension

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



DC3F48



FF2430



DC833F



6E6363



AD000A



2E0003

Inverse Universe

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



DC3F48



FF2430



3F98DC



6E6363



AD000A



2E0003

Previews

White Background



This preview shows how the Hex color DC3F48 looks on a white background.

Color Contrast Check

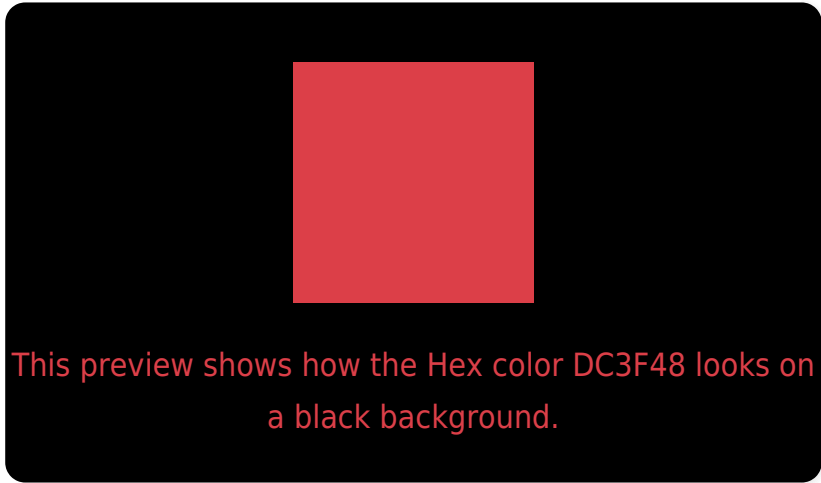
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC3F48 Background



This preview shows how black text looks on a background with the Hex color DC3F48.



This preview shows how white text looks on a background with the Hex color DC3F48.

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
DC3F48

Protanopia
827A5F

Deuteranopia
96743F



Trichromacy



Original Color
DC3F48

Protanomaly
A36557

Deuteranomaly
AF6142

Tritanomaly
DC4045

Monochromacy



Original Color
DC3F48

Achromatopsia
6F6F6F

Achromatomaly
975E61

CSS Examples

Text

The CSS property to change the color of the text to Hex DC3F48 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 #DC3F48 looks like.

```
.text, #text, p{  
    color:#DC3F48  
}
```

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 #DC3F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3F48  
}
```

Border

The CSS property to change the border of an element to Hex DC3F48 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".

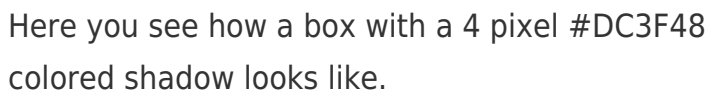
```
.border, #border, table{ border:4px solid  
#DC3F48 }
```

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

```
.border{ border-color:#DC3F48 }
```

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

Here you see how a box with a 4 pixel #DC3F48 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3F48; -webkit-box-shadow:4px 4px  
4px 4px #DC3F48; box-shadow:4px 4px 4px  
4px #DC3F48 }
```

Background

The CSS property to change the background color of an element to Hex DC3F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3F48 }
```

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

```
.background{ background-color:#DC3F48 }
```

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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