

Converting Colors

Hex(DC3F49)

Have a look what the booklet for
Hex(DC3F49) contains.

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Color

Hex(DC3F49)

Conversions

Conversions Part 1

Format	Color
Hex	DC3F49
RGB	220, 63, 73
RGB Percent	86%, 25%, 29%
CMY	0.1373, 0.7529, 0.7137
CMYK	0.00, 0.71, 0.67, 0.14
HSL	356°, 69%, 55%
HSV	356°, 71%, 86%
XYZ	32.4953, 19.2517, 8.3066
YIQ	111.0830, 90.3620, 36.3940

Conversions

Conversions Part 2

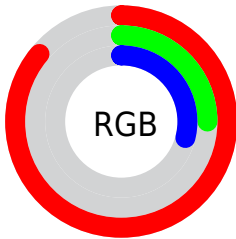
Format	Color
R_{YB}	220, 63, 73
Decimal	14434121
CIE _{Lab}	50.98, 60.91, 30.66
CIE _{LCh}	51, 68.193, 26.718
Yxy	19.2517, 0.5411, 0.3206
Android (android.graphics.Color)	4292624201 (0xFFDC3F49)
YUV	111.0830, -18.7749, 95.5202
Hunter-Lab	43.8768, 55.4135, 19.4892

Details

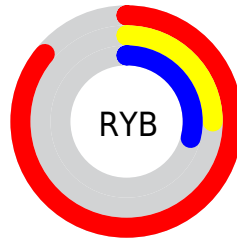
The Hex color **DC3F49** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3FDCD2**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF797A**, and **9E001D** is the 20% darker color. If you saturate the color by 10%, you get **DC2934**, and if you desaturate by 10%, it is **DC555E**.

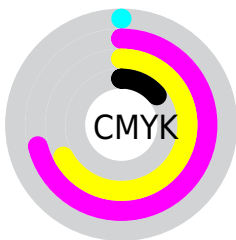
Distribution



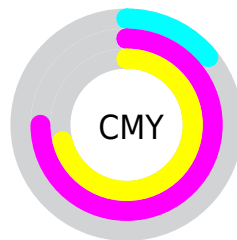
- Red (86%)
- Green (25%)
- Blue (29%)



- Red (86%)
- Yellow (25%)
- Blue (29%)



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



- Cyan (14%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC3F49 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 DC3F49 by changing the saturation by 10% instead.

 DC3F49

 DC3F49

FFFFFF

 BD1C32

 FF797A

 9E001D

 FF9593

 7F0007

 FFB2AE

 600000

 FFCFC9

 440003

 FFECE6

 240001

 000000

 DC3F49

 DC3F49

 DC2934

 DC555E

 DC1320

 DC6B72

 DC000E

 DC8187

 DC979B

 DCADB0

 DCC3C5

 DCD9D9

 DCEFEE

 DCFFFF

Harmonies

Analogous

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



DB3582



DC3F49



C35C0D

Triad

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



DC3F49



008E34



0083EF

Complementary

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



DC3F49



3FDCD2

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



DC3F49



009371

Square

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



DC3F49



608500



0093AC



676DE2

Rectangle

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



DC3F49



A86D00



0093AC



0088EB

Sweetspot

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



DC3F49



FFC9CD



D23FDC



806062



000000



808080

Same Dimension

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



DC3F49



FF2432



DC833F



6E6363



AD000B



2E0003

Inverse Universe

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



DC3F49



FF2432



3F98DC



6E6363



AD000B



2E0003

Previews

White Background



This preview shows how the Hex color DC3F49 looks on a white background.

Color Contrast Check

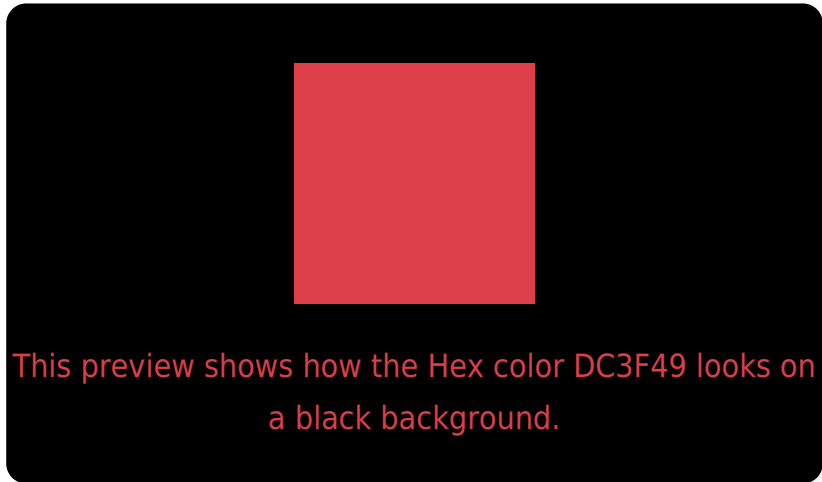
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC3F49 Background



This preview shows how black text looks on a background with the Hex color DC3F49.



This preview shows how white text looks on a background with the Hex color DC3F49.

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
DC3F49

Protanopia
827A60

Deuteranopia
967440

Trichromacy



Original Color
DC3F49

Protanomaly
A36558

Deuteranomaly
AF6143

Tritanomaly
DC4045

Monochromacy



Original Color
DC3F49

Achromatopsia
6F6F6F

Achromatomaly
975E61

CSS Examples

Text

The CSS property to change the color of the text to Hex DC3F49 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 #DC3F49 looks like.

```
.text, #text, p{  
    color:#DC3F49  
}
```

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 #DC3F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3F49
}
```

Border

The CSS property to change the border of an element to Hex DC3F49 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
#DC3F49 }
```

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

```
.border{ border-color:#DC3F49 }
```

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

Here you see how a box with a 4 pixel #DC3F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3F49; -webkit-box-shadow:4px 4px  
4px 4px #DC3F49; box-shadow:4px 4px 4px  
4px #DC3F49 }
```

Background

The CSS property to change the background color of an element to Hex DC3F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3F49 }
```

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

```
.background{ background-color:#DC3F49 }
```

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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