

# Converting Colors

Hex(DC343F)

Have a look what the booklet for  
Hex(DC343F) contains.

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# Color

Hex(DC343F)

# Conversions

## Conversions Part 1

Format	Color
Hex	DC343F
RGB	220, 52, 63
RGB Percent	86%, 20%, 25%
CMY	0.1373, 0.7961, 0.7529
CMYK	0.00, 0.76, 0.71, 0.14
HSL	356°, 71%, 53%
HSV	356°, 76%, 86%
XYZ	31.6404, 18.0305, 6.5152
YIQ	103.4860, 96.5970, 39.0370

# Conversions

## Conversions Part 2

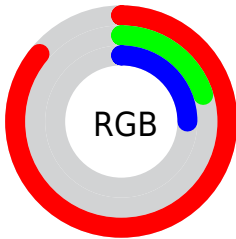
Format	Color
R <sub>Y</sub> B	220, 52, 63
Decimal	14431295
CIE Lab	49.53, 64.06, 34.76
CIE LCh	50, 72.882, 28.487
Yxy	18.0305, 0.5631, 0.3209
Android (android.graphics.Color)	4292621375 (0xFFDC343F)
YUV	103.4860, -19.9596, 102.1828
Hunter-Lab	42.4623, 58.6984, 20.6265

# Details

The Hex color **DC343F** 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 **34DCD1**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF706F**, and **9D0014** is the 20% darker color. If you saturate the color by 10%, you get **DC1E2A**, and if you desaturate by 10%, it is **DC4A54**.

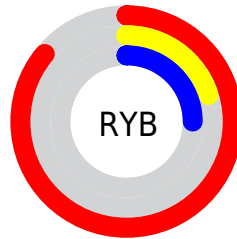
# Distribution



Red (86%)

Green (20%)

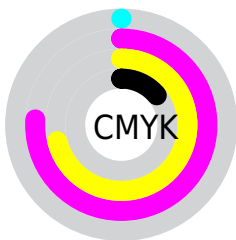
Blue (25%)



Red (86%)

Yellow (20%)

Blue (25%)

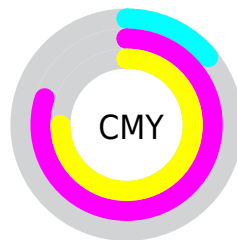


Cyan (0%)

Magenta (76%)

Yellow (71%)

Black (14%)



Cyan (14%)

Magenta (80%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC343F 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 DC343F by changing the saturation by 10% instead.



 DC343F

 DC343F

FFFFFF

 BC0429

 FF706F

 9D0014

 FF8D88

 7E0000

 FFAAA3

 5F0000

 FFC7BE

 430003

 FFE4DA

 210001

 FFFFF6

 000000

 DC343F

 DC343F

 DC1E2A

 DC4A54

 DC0816

 DC6068

 DC000E

 DC767D

 DC8C91

 DCA2A6

 DCB8BA

 DCCECF

 DCE4E3

 DCFAF8

# Harmonies

## Analogous

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



DD227C



DC343F



C05700

# Triad

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



DC343F



008C2F



007FF3

# Complementary

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



DC343F



34DCD1

# 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.



008CE0



DC343F



009071

# Square

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



DC343F



548300



0090B0



6667E4

# Rectangle

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



DC343F



A26B00



0090B0



0084F0



# Sweetspot

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



DC343F



FFC4C8



D134DC



805C5E



000000



808080



# Same Dimension

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



DC343F



FF1424



DC7D34



6E6363



AD000B



2E0003



# Inverse Universe

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



DC343F



FF1424



3493DC



6E6363



AD000B



2E0003



# Previews

## White Background



This preview shows how the Hex color DC343F looks on a white background.

## Color Contrast Check

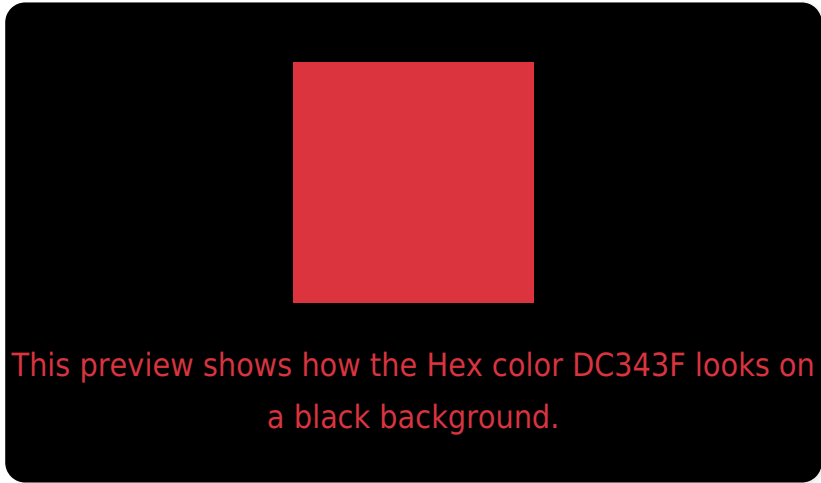
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 DC343F Background



This preview shows how black text looks on a background with the Hex color DC343F.



This preview shows how white text looks on a background with the Hex color DC343F.

# 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**  
DC343F

**Protanopia**  
7F7656

**Deuteranopia**  
937135



# Trichromacy



**Original Color**  
DC343F

**Protanomaly**  
A15E4E

**Deuteranomaly**  
AE5B39

**Tritanomaly**  
DC353A

# Monochromacy



**Original Color**  
DC343F

**Achromatopsia**  
676767

**Achromatomaly**  
925458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC343F 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 #DC343F looks like.

```
.text, #text, p{  
    color:#DC343F  
}
```

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 #DC343F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC343F
}
```

## Border

The CSS property to change the border of an element to Hex DC343F 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".

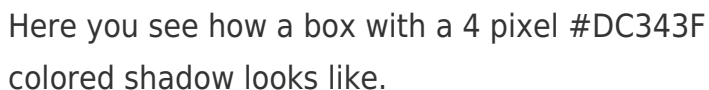
```
.border, #border, table{ border:4px solid
#DC343F }
```

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

```
.border{ border-color:#DC343F }
```

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

Here you see how a box with a 4 pixel #DC343F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC343F; -webkit-box-shadow:4px 4px  
4px 4px #DC343F; box-shadow:4px 4px 4px  
4px #DC343F }
```

# Background

The CSS property to change the background color of an element to Hex DC343F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC343F }
```

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

```
.background{ background-color:#DC343F }
```

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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