

# Converting Colors

Hex(DF353F)

Have a look what the booklet for  
Hex(DF353F) contains.

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# Color

**Hex(DF353F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF353F
RGB	223, 53, 63
RGB Percent	87%, 21%, 25%
CMY	0.1255, 0.7922, 0.7529
CMYK	0.00, 0.76, 0.72, 0.13
HSL	356°, 73%, 54%
HSV	356°, 76%, 87%
XYZ	32.6017, 18.5931, 6.5731
YIQ	104.9700, 98.1100, 39.1500

# Conversions

## Conversions Part 2

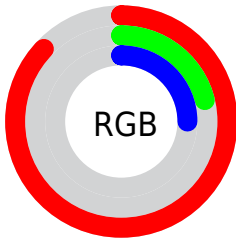
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 53, 63
Decimal	14628159
CIE <sub>Lab</sub>	50.21, 64.62, 35.69
CIE <sub>LCh</sub>	50, 73.826, 28.913
Yxy	18.5931, 0.5644, 0.3219
Android (android.graphics.Color)	4292818239 (0xFFDF353F)
YUV	104.9700, -20.6912, 103.5123
Hunter-Lab	43.1197, 59.5001, 21.1456

# Details

The Hex color **DF353F** 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 **35DFD5**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF716F**, and **A00014** is the 20% darker color. If you saturate the color by 10%, you get **DF1F2A**, and if you desaturate by 10%, it is **DF4B54**.

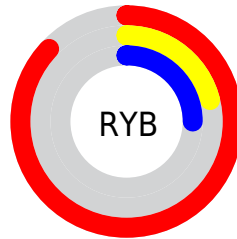
# Distribution



Red (87%)

Green (21%)

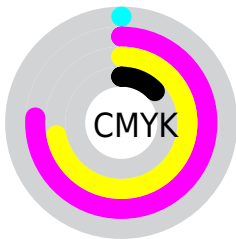
Blue (25%)



Red (87%)

Yellow (21%)

Blue (25%)

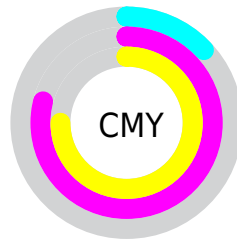


Cyan (0%)

Magenta (76%)

Yellow (72%)

Black (13%)



Cyan (13%)

Magenta (79%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF353F 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 DF353F by changing the saturation by 10% instead.



 DF353F

 DF353F

FFFFFF

 BF0629

 FF716F

 A00014

 FF8E88

 810000

 FFABA3

 610000

 FFC8BE

 450003

 FFE6DA

 240001

 FFFFF6

 000000

 DF353F

 DF353F

 DF1F2A

 DF4B54

 DF0815

 DF6269

 DF000D

 DF787E

 DF8E93

 DFA5A8

 DFBBBB

 DFD1D2

 DFE7E7

 DFFEFC

# Harmonies

## Analogous

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



E1227D



DF353F



C25900

# Triad

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



DF353F



008E30



0080F7

# Complementary

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



DF353F



35DFD5

# 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.



008EE3



DF353F



009273

# Square

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



DF353F



548500



0092B3



6968E7

# Rectangle

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



DF353F



A46C00



0092B3



0086F4



# Sweetspot

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



DF353F



FFC4C8



D435DF



805C5E



000000



808080



# Same Dimension

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



DF353F



FF1725



DF7F35



706566



B0000A



300003



# Inverse Universe

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



DF353F



FF1725



3595DF



706566



B0000A



300003



# Previews

## White Background



This preview shows how the Hex color DF353F looks on a white background.

## Color Contrast Check

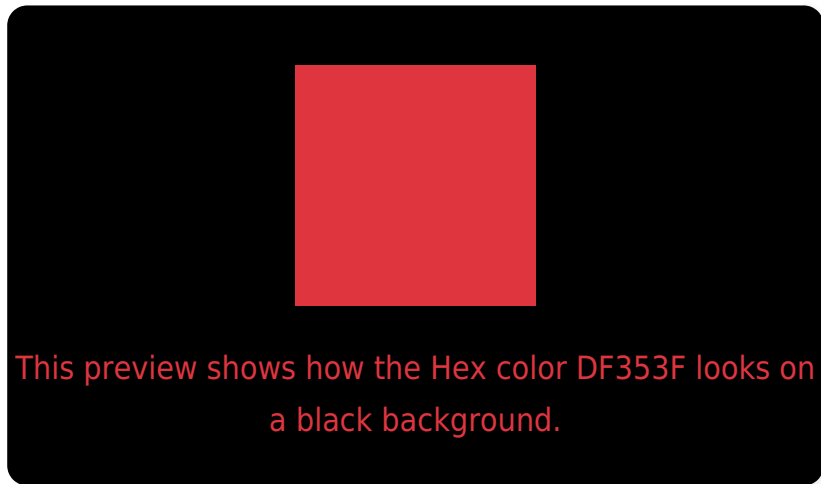
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF353F Background



This preview shows how black text looks on a background with the Hex color DF353F.



This preview shows how white text looks on a background with the Hex color DF353F.

# 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



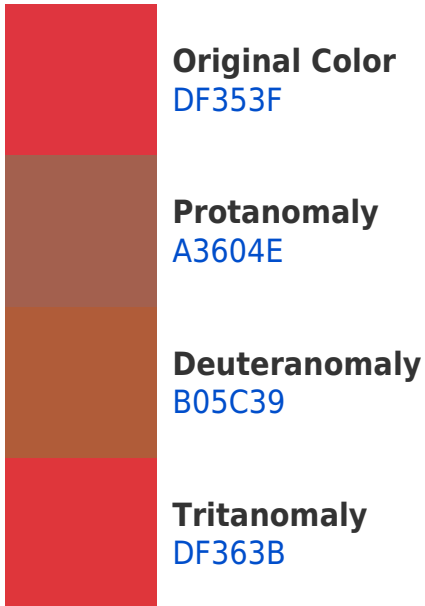
**Original Color**  
DF353F

**Protanopia**  
817856

**Deuteranopia**  
957235



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF353F 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 #DF353F looks like.

```
.text, #text, p{  
    color:#DF353F  
}
```

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 #DF353F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF353F
}
```

## Border

The CSS property to change the border of an element to Hex DF353F is called "border". The border property can be set on classes, ids or directly on the HTML element.

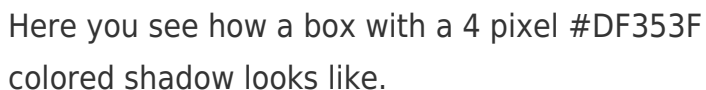
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF353F }
```

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

```
.border{ border-color:#DF353F }
```

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



Here you see how a box with a 4 pixel #DF353F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF353F; -webkit-box-shadow:4px 4px  
4px 4px #DF353F; box-shadow:4px 4px 4px  
4px #DF353F }
```

# Background

The CSS property to change the background color of an element to Hex DF353F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF353F }
```

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

```
.background{ background-color:#DF353F }
```

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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