

# Converting Colors

Hex(DF1E4A)

Have a look what the booklet for  
Hex(DF1E4A) contains.

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# Color

**Hex(DF1E4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF1E4A
RGB	223, 30, 74
RGB Percent	87%, 12%, 29%
CMY	0.1255, 0.8824, 0.7098
CMYK	0.00, 0.87, 0.67, 0.13
HSL	346°, 76%, 50%
HSV	346°, 87%, 87%
XYZ	32.1317, 17.1109, 8.0878
YIQ	92.7230, 100.9040, 54.6000

# Conversions

## Conversions Part 2

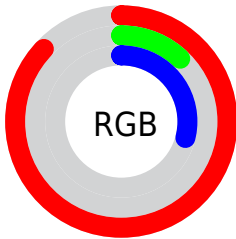
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">223, 30, 74</a>
Decimal	<a href="#">14622282</a>
CIELab	<a href="#">48.40, 70.73, 26.96</a>
CIElCh	<a href="#">48, 75.693, 20.867</a>
Yxy	<a href="#">17.1109, 0.5605, 0.2985</a>
Android (android.graphics.Color)	<a href="#">4292812362 (0xFFDF1E4A)</a>
YUV	<a href="#">92.7230, -9.2304, 114.2529</a>
Hunter-Lab	<a href="#">41.3654, 66.2656, 17.3633</a>

# Details

The Hex color **DF1E4A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1EDFB3**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF647A**, and **A0001F** is the 20% darker color. If you saturate the color by 10%, you get **DF0839**, and if you desaturate by 10%, it is **DF345B**.

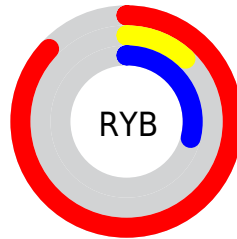
# Distribution



Red (87%)

Green (12%)

Blue (29%)



Red (87%)

Yellow (12%)

Blue (29%)

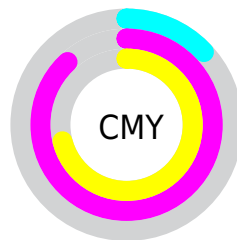


Cyan (0%)

Magenta (87%)

Yellow (67%)

Black (13%)



Cyan (13%)

Magenta (88%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF1E4A 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 DF1E4A by changing the saturation by 10% instead.



■ DF1E4A

■ DF1E4A

FFFFFF

■ BF0034

■ FF647A

■ A0001F

■ FF8294

■ 800009

■ FF9FAF

■ 610001

■ FFBDCA

■ 440003

■ FFDAE6

■ 220001

■ FFF8FF

■ 000000

■ DF1E4A

■ DF1E4A

■ DF0839

■ DF345B

 DF0033

 DF4B6C

 DF617E

 DF778F

 DF8DA0

 DFA4B1

 DFBAC3

 DFD0D4

 DFE7E5

# Harmonies

## Analogous

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



D81889



DF1E4A



C84A01

# Triad

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



DF1E4A



008812



0081F3

# Complementary

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



DF1E4A



1EDFB3

# 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.



008BD6



DF1E4A



008D5D

# Square

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



DF1E4A



617D00



008E9F



2C6BEC

# Rectangle

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



DF1E4A



AC6000



008E9F



0085ED



# Sweetspot

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



DF1E4A



FFBDCC



B21EDF



805861



000000



808080



# Same Dimension

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



DF1E4A



FF003A



DF511E



706568



B00028



30000B



# Inverse Universe

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



DF1E4A



FF003A



1EACDF



706568



B00028



30000B



# Previews

## White Background



This preview shows how the Hex color DF1E4A looks on a white background.

## Color Contrast Check

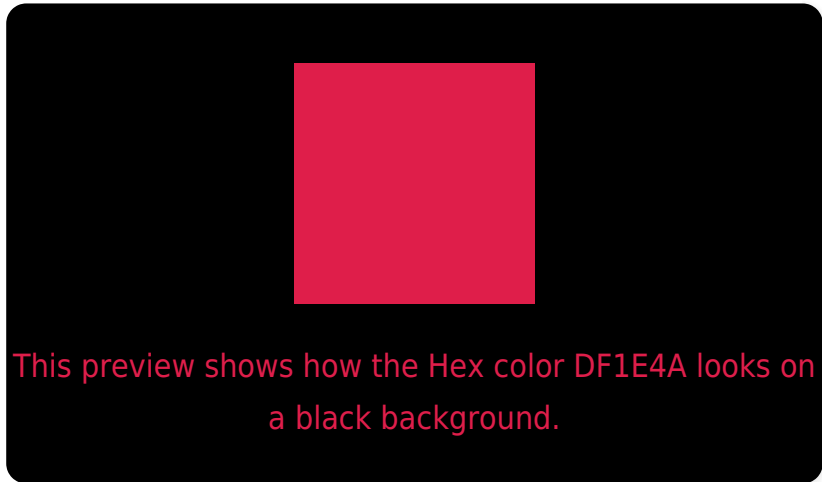
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DF1E4A Background



This preview shows how black text looks on a background with the Hex color DF1E4A.

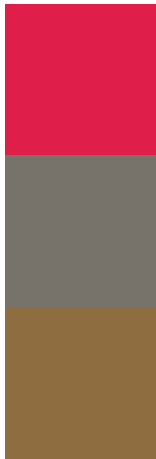


This preview shows how white text looks on a background with the Hex color DF1E4A.

# 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



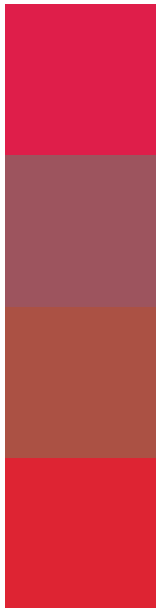
**Original Color**  
DF1E4A

**Protanopia**  
78736A

**Deuteranopia**  
8E6E40



# Trichromacy



**Original Color**  
DF1E4A

**Protanomaly**  
9D545E

**Deuteranomaly**  
AB5144

**Tritanomaly**  
DE2433

# Monochromacy



**Original Color**  
DF1E4A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
8C4656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF1E4A 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 #DF1E4A looks like.

```
.text, #text, p{  
    color:#DF1E4A  
}
```

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 #DF1E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF1E4A
}
```

## Border

The CSS property to change the border of an element to Hex DF1E4A 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
#DF1E4A }
```

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

```
.border{ border-color:#DF1E4A }
```

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

Here you see how a box with a 4 pixel #DF1E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF1E4A; -webkit-box-shadow:4px 4px  
4px 4px #DF1E4A; box-shadow:4px 4px 4px  
4px #DF1E4A }
```

# Background

The CSS property to change the background color of an element to Hex DF1E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF1E4A }
```

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

```
.background{ background-color:#DF1E4A }
```

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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