

# Converting Colors

Hex(DB424C)

Have a look what the booklet for  
Hex(DB424C) contains.

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# Color

**Hex(DB424C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB424C
RGB	219, 66, 76
RGB Percent	86%, 26%, 30%
CMY	0.1412, 0.7412, 0.7020
CMYK	0.00, 0.70, 0.65, 0.14
HSL	356°, 68%, 56%
HSV	356°, 70%, 86%
XYZ	32.4661, 19.4783, 8.8860
YIQ	112.8870, 87.9780, 35.5460

# Conversions

## Conversions Part 2

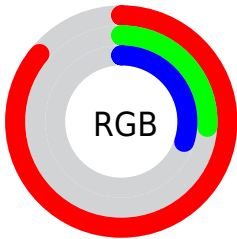
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 66, 76
Decimal	14369356
CIE Lab	51.24, 59.68, 29.18
CIE LCh	51, 66.432, 26.058
Yxy	19.4783, 0.5337, 0.3202
Android (android.graphics.Color)	4292559436 (0xFFDB424C)
YUV	112.8870, -18.1853, 93.0611
Hunter-Lab	44.1342, 54.0737, 18.9565

# Details

The Hex color **DB424C** 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 **42DBD1**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7B7D**, and **9D0020** is the 20% darker color. If you saturate the color by 10%, you get **DB2C38**, and if you desaturate by 10%, it is **DB5860**.

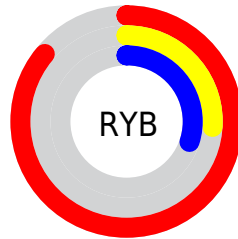
# Distribution



Red (86%)

Green (26%)

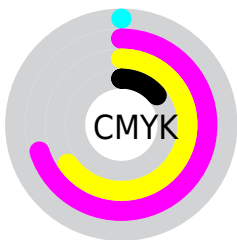
Blue (30%)



Red (86%)

Yellow (26%)

Blue (30%)

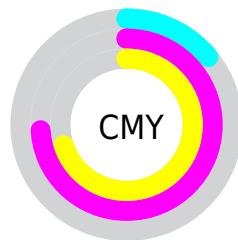


Cyan (0%)

Magenta (70%)

Yellow (65%)

Black (14%)



Cyan (14%)

Magenta (74%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB424C 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 DB424C by changing the saturation by 10% instead.



 DB424C

 DB424C

FFFFFF

 BC2135

 FF7B7D

 9D0020

 FF9797

 7E000B

 FFB4B1

 600000

 FFD1CD

 440002

 FFEED9

 240001

 000000

 DB424C

 DB424C

 DB2C38

 DB5860

 DB1623

 DB6E75

 DB000F

 DB8489

 DB000E

 DB9A9E

 DBB0B2

 DBC5C7

 DBDBDB

 DBF1F0

 DBFFFF

# Harmonies

## Analogous

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



D93A84



DB424C



C35D15

# Triad

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



DB424C



008F36



0083EC

# Complementary

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



DB424C



42DBD1

# 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.



008FD8



DB424C



009371

# Square

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



DB424C



638500



0093AB



666EE1

# Rectangle

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



DB424C



A96E00



0093AB



0088E9



# Sweetspot

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



DB424C



FFC9CD



D142DB



806062



000000



808080



# Same Dimension

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



DB424C



FF2937



DB8442



6E6363



AD000B



2E0003



# Inverse Universe

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



DB424C



FF2937



4299DB



6E6363



AD000B



2E0003



# Previews

## White Background



This preview shows how the Hex color DB424C looks on a white background.

## Color Contrast Check

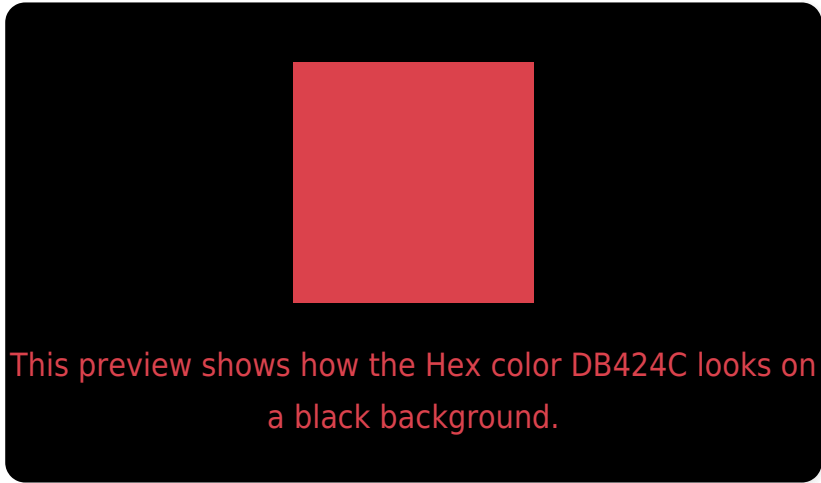
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB424C Background



This preview shows how black text looks on a background with the Hex color DB424C.



This preview shows how white text looks on a background with the Hex color DB424C.

# 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



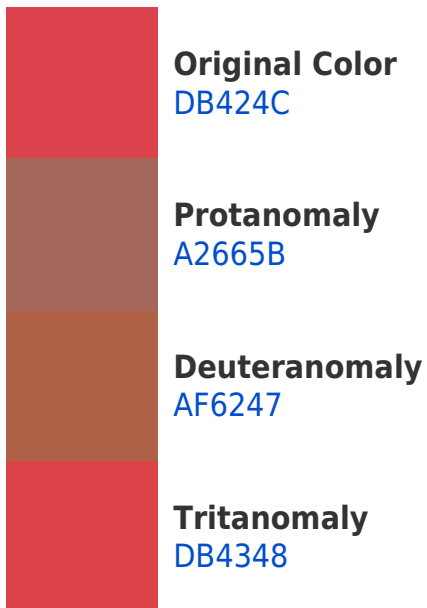
**Original Color**  
DB424C

**Protanopia**  
827A63

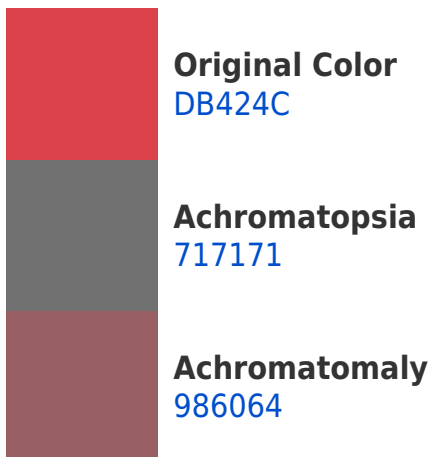
**Deuteranopia**  
967544



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB424C 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 #DB424C looks like.

```
.text, #text, p{  
    color:#DB424C  
}
```

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 #DB424C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB424C
}
```

## Border

The CSS property to change the border of an element to Hex DB424C is called "border". The border property can be set on classes, ids or directly on the HTML element.

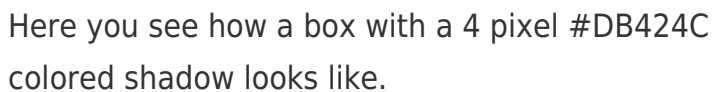
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB424C }
```

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

```
.border{ border-color:#DB424C }
```

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



Here you see how a box with a 4 pixel #DB424C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB424C; -webkit-box-shadow:4px 4px  
4px 4px #DB424C; box-shadow:4px 4px 4px  
4px #DB424C }
```

# Background

The CSS property to change the background color of an element to Hex DB424C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB424C }
```

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

```
.background{ background-color:#DB424C }
```

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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