

# Converting Colors

Hex(DB303E)

Have a look what the booklet for  
Hex(DB303E) contains.

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# Color

**Hex(DB303E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB303E
RGB	219, 48, 62
RGB Percent	86%, 19%, 24%
CMY	0.1412, 0.8118, 0.7569
CMYK	0.00, 0.78, 0.72, 0.14
HSL	355°, 70%, 52%
HSV	355°, 78%, 86%
XYZ	31.1399, 17.5218, 6.2982
YIQ	100.7250, 97.4220, 40.6060

# Conversions

## Conversions Part 2

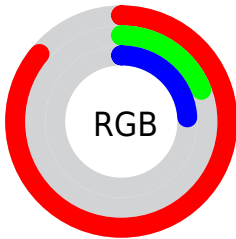
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 48, 62</a>
Decimal	<a href="#">14364734</a>
CIELab	<a href="#">48.91, 64.90, 34.57</a>
CIELCh	<a href="#">49, 73.534, 28.040</a>
Yxy	<a href="#">17.5218, 0.5666, 0.3188</a>
Android (android.graphics.Color)	<a href="#">4292554814 (0xFFDB303E)</a>
YUV	<a href="#">100.7250, -19.0914, 103.7272</a>
Hunter-Lab	<a href="#">41.8590, 59.5369, 20.3804</a>

# Details

The Hex color **DB303E** 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 **30DBCD**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6D6E**, and **9C0014** is the 20% darker color. If you saturate the color by 10%, you get **DB1A2A**, and if you desaturate by 10%, it is **DB4652**.

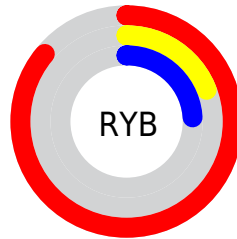
# Distribution



Red (86%)

Green (19%)

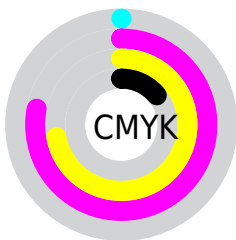
Blue (24%)



Red (86%)

Yellow (19%)

Blue (24%)

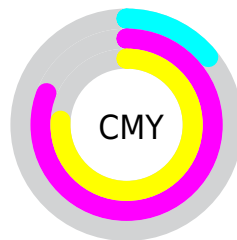


Cyan (0%)

Magenta (78%)

Yellow (72%)

Black (14%)



Cyan (14%)

Magenta (81%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB303E 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 DB303E by changing the saturation by 10% instead.



 DB303E

 DB303E

FFFFFF

 BB0028

 FF6D6E

 9C0014

 FF8A87

 7D0000

 FFA7A1

 5E0000

 FFC4BC

 410003

 FFE2D8

 1F0001

 FFFFF5

 000000

 DB303E

 DB303E

 DB1A2A

 DB4652

 DB0416

 DB5C66

 DB0012

 DB727A

 DB888E

 DB9DA3

 DBB3B7

 DBC9CB

 DBDFDF

 DBF5F3

# Harmonies

## Analogous

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



DC1D7B



DB303E



BF5500

# Triad

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



DB303E



008A2B



007EF2

# Complementary

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



DB303E



30DBCD

# 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.



008ADE



DB303E



008E6E

# Square

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



DB303E



538100



008FAE



6265E4

# Rectangle

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



DB303E



A26900



008FAE



0083EF



# Sweetspot

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



DB303E



FFC4C9



CD30DB



805C5F



000000



808080



# Same Dimension

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



DB303E



FF0F23



DB7730



6E6364



AD000E



2E0004



# Inverse Universe

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



DB303E



FF0F23



3094DB



6E6364



AD000E



2E0004



# Previews

## White Background



This preview shows how the Hex color DB303E looks on a white background.

## Color Contrast Check

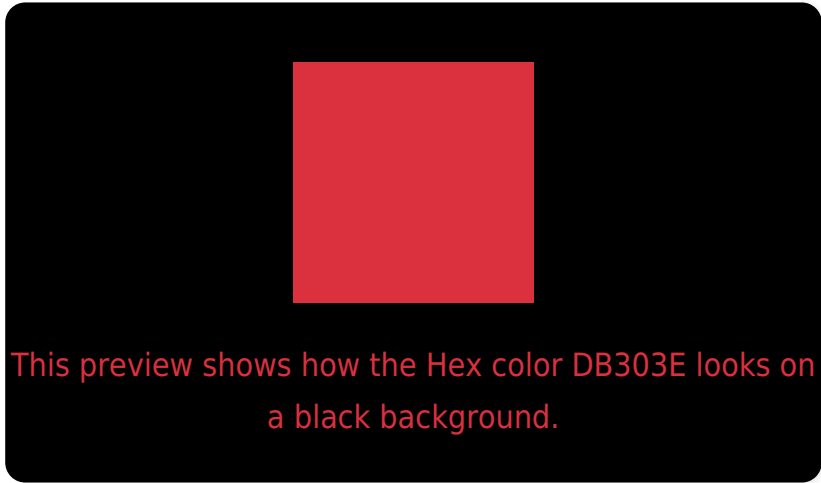
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB303E Background



This preview shows how black text looks on a background with the Hex color DB303E.



This preview shows how white text looks on a background with the Hex color DB303E.

# 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



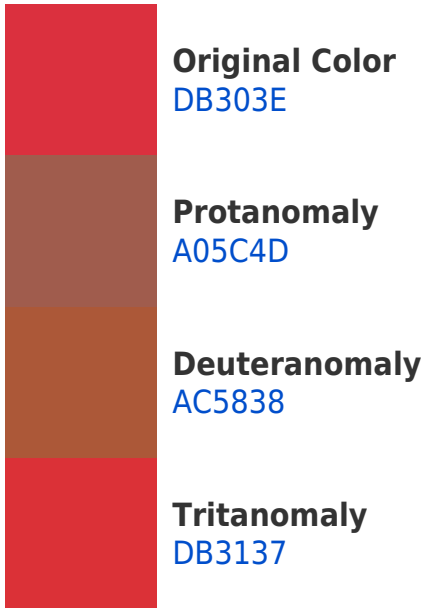
**Original Color**  
DB303E

**Protanopia**  
7E7556

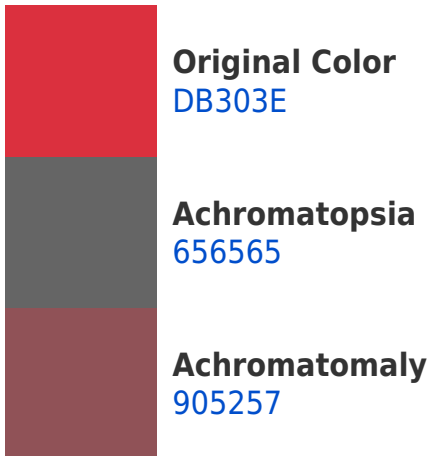
**Deuteranopia**  
916F34



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB303E 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 #DB303E looks like.

```
.text, #text, p{  
    color:#DB303E  
}
```

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 #DB303E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB303E
}
```

## Border

The CSS property to change the border of an element to Hex DB303E is called "border". The border property can be set on classes, ids or directly on the HTML element.

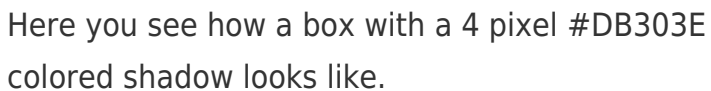
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB303E }
```

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

```
.border{ border-color:#DB303E }
```

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



Here you see how a box with a 4 pixel `#DB303E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB303E; -webkit-box-shadow:4px 4px  
4px 4px #DB303E; box-shadow:4px 4px 4px  
4px #DB303E }
```

# Background

The CSS property to change the background color of an element to Hex DB303E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB303E }
```

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

```
.background{ background-color:#DB303E }
```

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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