

Converting Colors

Hex(DB4335)

Have a look what the booklet for
Hex(DB4335) contains.

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Color

Hex(DB4335)

Conversions

Conversions Part 1

Format	Color
Hex	DB4335
RGB	219, 67, 53
RGB Percent	86%, 26%, 21%
CMY	0.1412, 0.7373, 0.7922
CMYK	0.00, 0.69, 0.76, 0.14
HSL	5°, 70%, 53%
HSV	5°, 76%, 86%
XYZ	31.8632, 19.3314, 5.4201
YIQ	110.8520, 95.0860, 27.8700

Conversions

Conversions Part 2

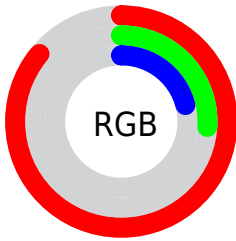
Format	Color
RYB	219, 68, 53
Decimal	14369589
CIELab	51.07, 58.23, 42.07
CIElCh	51, 71.840, 35.847
Yxy	19.3314, 0.5628, 0.3415
Android (android.graphics.Color)	4292559669 (0xFFDB4335)
YUV	110.8520, -28.5210, 94.8458
Hunter-Lab	43.9675, 52.4155, 23.4682

Details

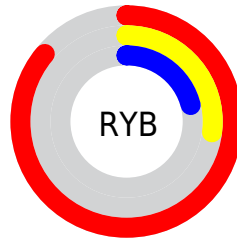
The Hex color **DB4335** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **35CDD8**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7C65**, and **9C0008** is the 20% darker color. If you saturate the color by 10%, you get **DB2F1F**, and if you desaturate by 10%, it is **DB574B**.

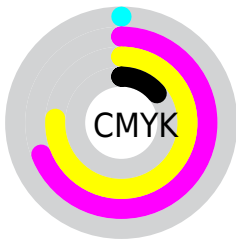
Distribution



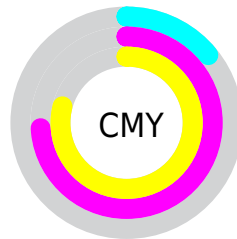
- Red (86%)
- Green (26%)
- Blue (21%)



- Red (86%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (69%)
- Yellow (76%)
- Black (14%)



- Cyan (14%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4335 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 DB4335 by changing the saturation by 10% instead.

 DB4335

 DB4335

FFFFFF

 BB231F

 FF7C65

 9C0008

 FF987E

 7D0000

 FFB498

 5E0000

 FFD1B3

 420002

 FFEECF

 220001

 FFFFEB

 000000

 DB4335

 DB4335

 DB2F1F

 DB574B

 DB1B09

 DB6B61

 DB1200

 DB7F77

 DB938D

 DBA7A3

 DBBBB8

 DBCFCE

 DBE3E4

 DBF7FA

Harmonies

Analogous

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



E32B70



DB4335



BA6300

Triad

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



DB4335



009144



007EF5

Complementary

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



DB4335



35CDBB

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.



008DEA



DB4335



009484

Square

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



DB4335



468A00



0094C0



8763DE

Rectangle

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



DB4335



9A7400



0094C0



0084F5

Sweetspot

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



DB4335



FFC9C4



DB35CD



805F5C



000000



808080

Same Dimension

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



DB4335



FF2B17



DB9635



6E6463



AD0F00



2E0400

Inverse Universe

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



35CDDB



17EBFF



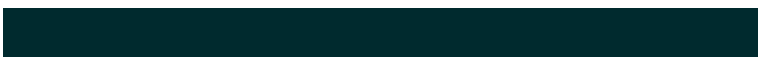
357ADB



636D6E



009FAD



002A2E

Previews

White Background



This preview shows how the Hex color DB4335 looks on a white background.

Color Contrast Check

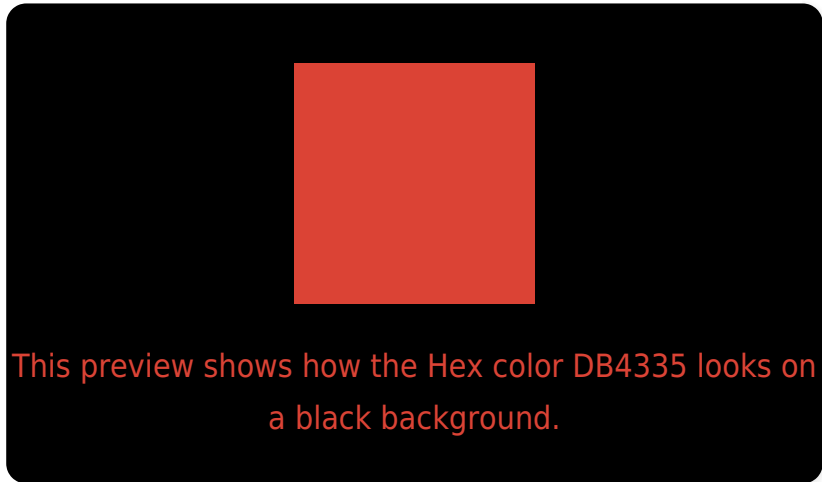
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4335 Background



This preview shows how black text looks on a background with the Hex color DB4335.



This preview shows how white text looks on a background with the Hex color DB4335.

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
DB4335

Protanopia
867A46

Deuteranopia
99742A

Trichromacy



Original Color
DB4335

Protanomaly
A56640

Deuteranomaly
B1622E

Tritanomaly
DC423F

Monochromacy



Original Color
DB4335

Achromatopsia
6F6F6F

Achromatomaly
965F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4335 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 #DB4335 looks like.

```
.text, #text, p{  
    color:#DB4335  
}
```

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 #DB4335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4335
}
```

Border

The CSS property to change the border of an element to Hex DB4335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

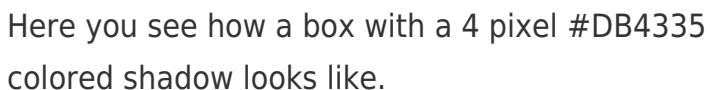
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB4335 }
```

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

```
.border{ border-color:#DB4335 }
```

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



Here you see how a box with a 4 pixel #DB4335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4335; -webkit-box-shadow:4px 4px  
4px 4px #DB4335; box-shadow:4px 4px 4px  
4px #DB4335 }
```

Background

The CSS property to change the background color of an element to Hex DB4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4335 }
```

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

```
.background{ background-color:#DB4335 }
```

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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