

Converting Colors

Hex(DB0434)

Have a look what the booklet for
Hex(DB0434) contains.

| | |
|--|----|
| Hex(DB0434) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(DB0434)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DB0434 |
| RGB | 219, 4, 52 |
| RGB Percent | 86%, 2%, 20% |
| CMY | 0.1412, 0.9843, 0.7961 |
| CMYK | 0.00, 0.98, 0.76, 0.14 |
| HSL | 347°, 96%, 44% |
| HSV | 347°, 98%, 86% |
| XYZ | 29.8767, 15.3948, 4.6456 |
| YIQ | 73.7570, 112.7320, 60.5080 |

Conversions

Conversions Part 2

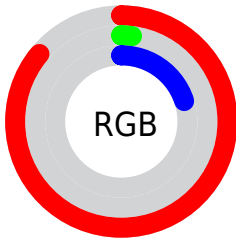
| Format | Color |
|-------------------------------------|--|
| RYB | 219, 4, 52 |
| Decimal | 14353460 |
| CIELab | 46.17, 71.99, 37.30 |
| CIElCh | 46, 81.081, 27.392 |
| Yxy | 15.3948, 0.5985, 0.3084 |
| Android (android.graphics.Color) | 4292543540 (0xFFDB0434) |
| YUV | 73.7570, -10.7262, 127.3781 |
| Hunter-Lab | 39.2363, 67.2564, 20.4453 |

Details

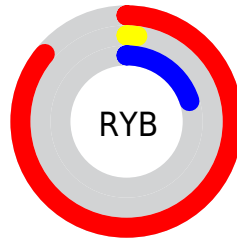
The Hex color **DB0434** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **04DBAB**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5A63**, and **9B000A** is the 20% darker color. If you saturate the color by 10%, you get **DB0031**, and if you desaturate by 10%, it is **DB1A45**.

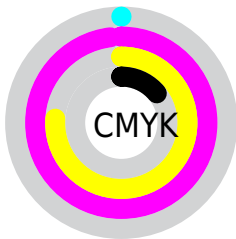
Distribution



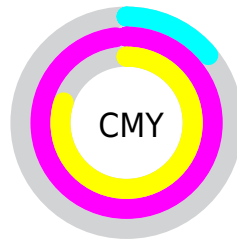
- Red (86%)
- Green (2%)
- Blue (20%)



- Red (86%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (98%)
- Yellow (76%)
- Black (14%)



- Cyan (14%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB0434 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 DB0434 by changing the saturation by 10% instead.

 DB0434

 DB0434

FFFFFF

 BB001F

 FF5A63

 9B000A

 FF797C

 7B0000

 FF9695

 5B0002

 FFB4B0

 3E0003

 FFD1CC

 190001

 FFEFE8

 000000

 DB0434

 DB0434

 DB0031

 DB1A45

 DB3056

 DB4667

 DB5C78

 DB7289

 DB879A

 DB9DAB

 DBB3BC

 DBC9CD

Harmonies

Analogous

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



DC0076



DB0434



BC4900

Triad

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



DB0434



008417



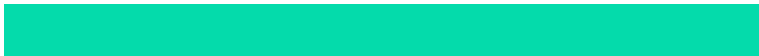
0079F8

Complementary

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



DB0434



04DBAB

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.



0085E1



DB0434



008865

Square

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



DB0434



477B00



0089AB



4D5EE8

Rectangle

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



DB0434



9D6000



0089AB



007EF4

Sweetspot

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



DB0434



FFB5C6



A904DB



80535D



000000



808080

Same Dimension

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



DB0434



FF0039



DB3D04



6E6365



AD0027



2E000A

Inverse Universe

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



DB0434



FF0039



04A2DB



6E6365



AD0027



2E000A

Previews

White Background



This preview shows how the Hex color DB0434 looks on a white background.

Color Contrast Check

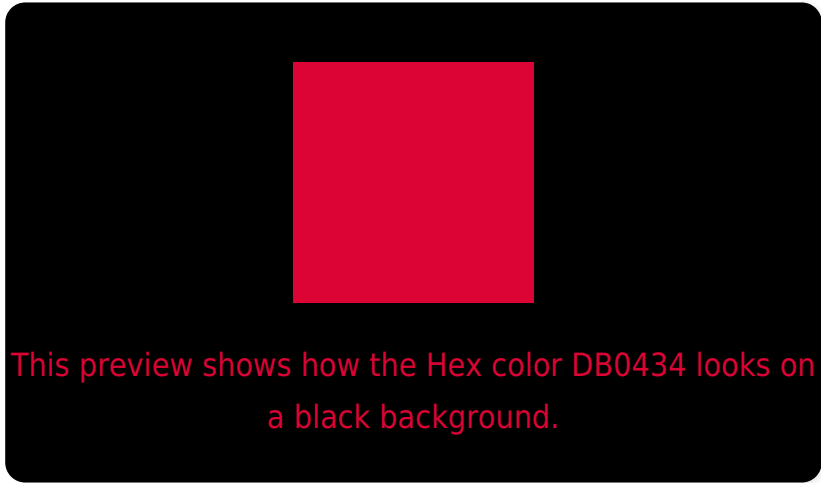
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB0434 Background



This preview shows how black text looks on a background with the Hex color DB0434.



This preview shows how white text looks on a background with the Hex color DB0434.

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
DB0434

Protanopia
786F4F

Deuteranopia
8B6A27



Trichromacy



Original Color
DB0434



Protanomaly
9C4845



Deuteranomaly
A8452C



Tritanomaly
DA0F1B

Monochromacy



Original Color
DB0434



Achromatopsia
4A4A4A



Achromatomaly
7F3142

CSS Examples

Text

The CSS property to change the color of the text to Hex DB0434 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 #DB0434 looks like.

```
.text, #text, p{  
    color:#DB0434  
}
```

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 #DB0434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB0434
}
```

Border

The CSS property to change the border of an element to Hex DB0434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

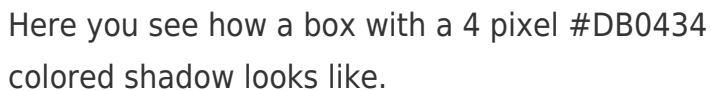
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB0434 }
```

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

```
.border{ border-color:#DB0434 }
```

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



Here you see how a box with a 4 pixel #DB0434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB0434; -webkit-box-shadow:4px 4px  
4px 4px #DB0434; box-shadow:4px 4px 4px  
4px #DB0434 }
```

Background

The CSS property to change the background color of an element to Hex DB0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB0434 }
```

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

```
.background{ background-color:#DB0434 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor