

Converting Colors

Hex(DB0037)

Have a look what the booklet for
Hex(DB0037) contains.

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Color

Hex(DB0037)

Conversions

Conversions Part 1

Format	Color
Hex	DB0037
RGB	219, 0, 55
RGB Percent	86%, 0%, 22%
CMY	0.1412, 1.0000, 0.7843
CMYK	0.00, 1.00, 0.75, 0.14
HSL	345°, 100%, 43%
HSV	345°, 100%, 86%
XYZ	29.9030, 15.3359, 4.9985
YIQ	71.7510, 112.8690, 63.5330

Conversions

Conversions Part 2

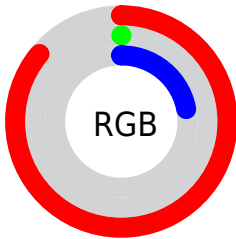
Format	Color
R _Y B	219, 0, 55
Decimal	14352439
CIE Lab	46.09, 72.43, 35.44
CIE LCh	46, 80.638, 26.072
Yxy	15.3359, 0.5952, 0.3053
Android (android.graphics.Color)	4292542519 (0xFFDB0037)
YUV	71.7510, -8.2582, 129.1374
Hunter-Lab	39.1611, 67.7689, 19.8450

Details

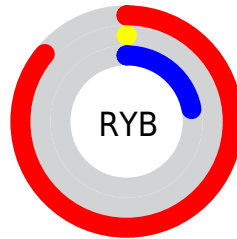
The Hex color **DB0037** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00DBA4**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5966**, and **9B000E** is the 20% darker color. If you saturate the color by 10%, you get **DB0037**, and if you desaturate by 10%, it is **DB1647**.

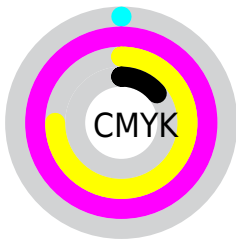
Distribution



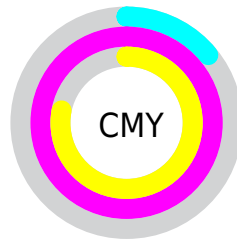
- Red (86%)
- Green (0%)
- Blue (22%)



- Red (86%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (14%)



- Cyan (14%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB0037 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 DB0037 by changing the saturation by 10% instead.

 DB0037

 DB0037

FFFFFF

 BB0022

 FF5966

 9B000E

 FF787F

 7B0000

 FF9699

 5B0002

 FFB3B4

 3E0003

 FFD1CF

 190001

 FFEFEB

 000000

 DB0037

 DB1647

 DB2C58

 DB4268

 DB5879

 DB6E89

 DB8399

 DB99AA

 DBAFBA

 DBC5CB

Harmonies

Analogous

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



DB0079



DB0037



BE4700

Triad

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



DB0037



008413



0079F6

Complementary

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



DB0037



00DBA4

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.



0085DE



DB0037



008862

Square

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



DB0037



4B7A00



0089A7



445FE9

Rectangle

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



DB0037



9F5F00



0089A7



007FF2

Sweetspot

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



DB0037



FFB3C6



A100DB



80525D



000000



808080

Same Dimension

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



DB0037



FF0040



DB3300



6E6365



AD002C



2E000C

Inverse Universe

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



DB0037



FF0040



00A8DB



6E6365



AD002C



2E000C

Previews

White Background



This preview shows how the Hex color DB0037 looks on a white background.

Color Contrast Check

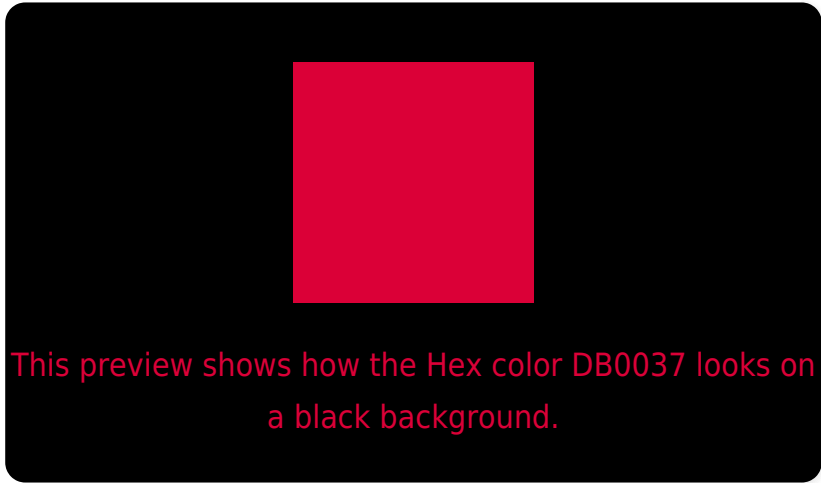
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB0037 Background



This preview shows how black text looks on a background with the Hex color DB0037.



This preview shows how white text looks on a background with the Hex color DB0037.

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
DB0037

Protanopia
776F53

Deuteranopia
8B6A2B



Trichromacy



Original Color
DB0037



Protanomaly
9B4749



Deuteranomaly
A8432F



Tritanomaly
DA0F1E

Monochromacy



Original Color
DB0037



Achromatopsia
484848



Achromatomaly
7D2E42

CSS Examples

Text

The CSS property to change the color of the text to Hex DB0037 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 #DB0037 looks like.

```
.text, #text, p{  
    color:#DB0037  
}
```

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 #DB0037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB0037
}
```

Border

The CSS property to change the border of an element to Hex DB0037 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".

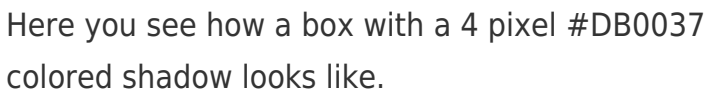
```
.border, #border, table{ border:4px solid
#DB0037 }
```

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

```
.border{ border-color:#DB0037 }
```

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

Here you see how a box with a 4 pixel #DB0037 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB0037; -webkit-box-shadow:4px 4px  
4px 4px #DB0037; box-shadow:4px 4px 4px  
4px #DB0037 }
```

Background

The CSS property to change the background color of an element to Hex DB0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB0037 }
```

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

```
.background{ background-color:#DB0037 }
```

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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