

Converting Colors

Hex(DB0087)

Have a look what the booklet for
Hex(DB0087) contains.

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Color

Hex(DB0087)

Conversions

Conversions Part 1

Format	Color
Hex	DB0087
RGB	219, 0, 135
RGB Percent	86%, 0%, 53%
CMY	0.1412, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.38, 0.14
HSL	323°, 100%, 43%
HSV	323°, 100%, 86%
XYZ	33.5866, 16.8093, 24.3960
YIQ	80.8710, 87.1890, 88.4130

Conversions

Conversions Part 2

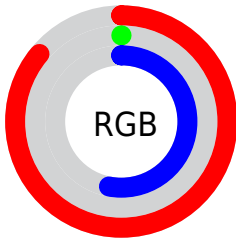
Format	Color
R_{YB}	219, 0, 135
Decimal	14352519
CIE _{Lab}	48.02, 77.55, -11.10
CIE _{LCh}	48, 78.338, 351.857
Yxy	16.8093, 0.4491, 0.2247
Android (android.graphics.Color)	4292542599 (0xFFDB0087)
YUV	80.8710, 26.6856, 121.1391
Hunter-Lab	40.9992, 74.4788, -6.5802

Details

The Hex color **DB0087** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **00DB54**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5CBC**, and **9E0055** is the 20% darker color. If you saturate the color by 10%, you get **DB0087**, and if you desaturate by 10%, it is **DB168F**.

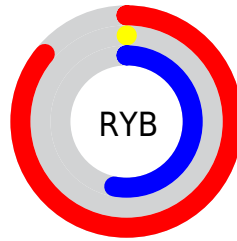
Distribution



Red (86%)

Green (0%)

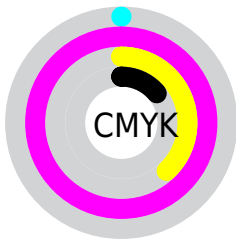
Blue (53%)



Red (86%)

Yellow (0%)

Blue (53%)

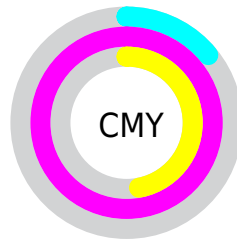


Cyan (0%)

Magenta (100%)

Yellow (38%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB0087 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 DB0087 by changing the saturation by 10% instead.

 DB0087

 DB0087

FFFFFF

 BC006E

 FF5CBC

 9E0055

 FF7BD8

 80003E

 FF99F4

 620028

 FFB7FF

 460014

 FFD5FF

 270001

 FFF4FF

 000000

 DB0087

 DB168F

 DB2C98

 DB42A0

 DB58A9

 DB6EB1

 DB83B9

 DB99C2

 DBAFCA

 DBC5D3

Harmonies

Analogous

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



AD42C5



DB0087



E11246

Triad

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



DB0087



5D7D00



008BDA

Complementary

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



DB0087



00DB54

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.



008EA2



DB0087



00870D

Square

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



DB0087



9A6900



008C5D



0080F7

Rectangle

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



DB0087



D33919



008C5D



008CCA

Sweetspot

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



DB0087



FFB3E2



5400DB



80526E



000000



808080

Same Dimension

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



DB0087



FF009D



DB001A



6E6369



AD006B



2E001C

Inverse Universe

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



DB0087



FF009D



00DBC1



6E6369



AD006B



2E001C

Previews

White Background



This preview shows how the Hex color DB0087 looks on a white background.

Color Contrast Check

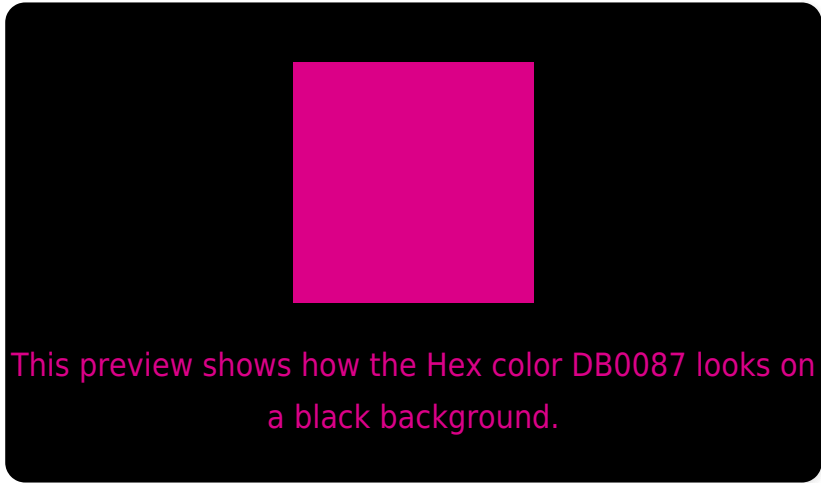
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB0087 Background



This preview shows how black text looks on a background with the Hex color DB0087.



This preview shows how white text looks on a background with the Hex color DB0087.

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





Tritanopia
D63537

Trichromacy



Original Color
DB0087



Protanomaly
8448AC



Deuteranomaly
9E4881

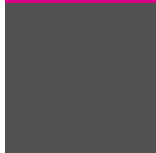


Tritanomaly
D82254

Monochromacy



Original Color
DB0087



Achromatopsia
515151



Achromatomaly
833465

CSS Examples

Text

The CSS property to change the color of the text to Hex DB0087 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 #DB0087 looks like.

```
.text, #text, p{  
    color:#DB0087  
}
```

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 #DB0087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB0087
}
```

Border

The CSS property to change the border of an element to Hex DB0087 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
#DB0087 }
```

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

```
.border{ border-color:#DB0087 }
```

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

Here you see how a box with a 4 pixel #DB0087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB0087; -webkit-box-shadow:4px 4px  
4px 4px #DB0087; box-shadow:4px 4px 4px  
4px #DB0087 }
```

Background

The CSS property to change the background color of an element to Hex DB0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB0087 }
```

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

```
.background{ background-color:#DB0087 }
```

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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