

Converting Colors

Hex(DB006E)

Have a look what the booklet for
Hex(DB006E) contains.

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Color

Hex(DB006E)

Conversions

Conversions Part 1

Format	Color
Hex	DB006E
RGB	219, 0, 110
RGB Percent	86%, 0%, 43%
CMY	0.1412, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.50, 0.14
HSL	330°, 100%, 43%
HSV	330°, 100%, 86%
XYZ	32.0279, 16.1859, 16.1880
YIQ	78.0210, 95.2140, 80.6380

Conversions

Conversions Part 2

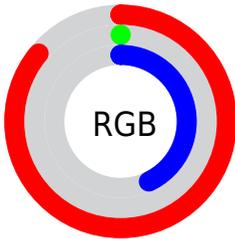
Format	Color
R_{YB}	219, 0, 110
Decimal	14352494
CIE _{Lab}	47.22, 75.45, 3.04
CIE _{LCh}	47, 75.509, 2.310
Yxy	16.1859, 0.4973, 0.2513
Android (android.graphics.Color)	4292542574 (0xFFDB006E)
YUV	78.0210, 15.7656, 123.6386
Hunter-Lab	40.2317, 71.6961, 4.3057

Details

The Hex color **DB006E** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00DB6D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5BA1**, and **9D003F** is the 20% darker color. If you saturate the color by 10%, you get **DB006E**, and if you desaturate by 10%, it is **DB1679**.

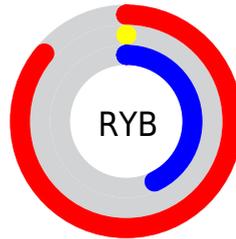
Distribution



Red (86%)

Green (0%)

Blue (43%)



Red (86%)

Yellow (0%)

Blue (43%)

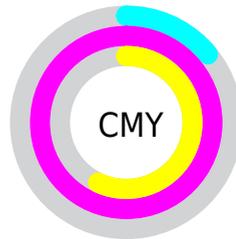


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB006E 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 DB006E by changing the saturation by 10% instead.

 DB006E

 DB006E

FFFFFF

 BC0056

 FF5BA1

 9D003F

 FF7ABC

 7F0029

 FF98D8

 600015

 FFB6F4

 440003

 FFD4FF

 220001

 FFF2FF

 000000

 DB006E

 DB1679

 DB2C84

 DB428F

 DB589A

 DB6EA4

 DB83AF

 DB99BA

 DBAFC5

 DBC5D0

Harmonies

Analogous

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



BD33AC



DB006E



D52C30

Triad

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



DB006E



417F00



0085E1

Complementary

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



DB006E



00DB6D

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.



008AB3



DB006E



00872F

Square

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



DB006E



846F00



008A73



0077F1

Rectangle

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



DB006E



C24900



008A73



0088D5

Sweetspot

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



DB006E



FFB3D9



6A00DB



805269



000000



808080

Same Dimension

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



DB006E



FF0080



DB0004



6E6368



AD0057



2E0017

Inverse Universe

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



DB006E



FF0080



00DBD7



6E6368



AD0057



2E0017

Previews

White Background



This preview shows how the Hex color DB006E looks on a white background.

Color Contrast Check

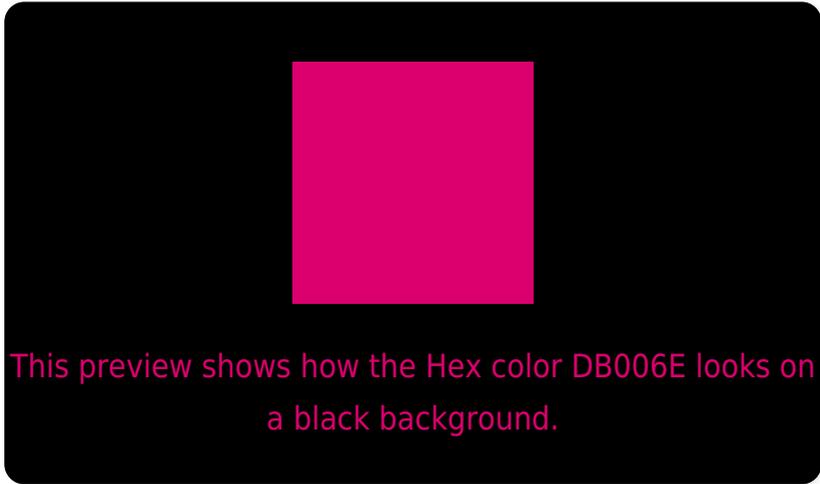
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB006E Background



This preview shows how black text looks on a background with the Hex color DB006E.



This preview shows how white text looks on a background with the Hex color DB006E.

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
DB006E

Protanopia
64709F

Deuteranopia
826E65



Tritanopia
D82C2C

Trichromacy



Original Color
DB006E



Protanomaly
8F478D



Deuteranomaly
A24668



Tritanomaly
D91C44

Monochromacy



Original Color
DB006E



Achromatopsia
4E4E4E



Achromatomaly
81325A

CSS Examples

Text

The CSS property to change the color of the text to Hex DB006E 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 #DB006E looks like.

```
.text, #text, p{  
    color:#DB006E  
}
```

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 #DB006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB006E
}
```

Border

The CSS property to change the border of an element to Hex DB006E 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
#DB006E }
```

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

```
.border{ border-color:#DB006E }
```

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

Here you see how a box with a 4 pixel #DB006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB006E; -webkit-box-shadow:4px 4px  
4px 4px #DB006E; box-shadow:4px 4px 4px  
4px #DB006E }
```

Background

The CSS property to change the background color of an element to Hex DB006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB006E }
```

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

```
.background{ background-color:#DB006E }
```

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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