

Converting Colors

Hex(DBFE00)

Have a look what the booklet for
Hex(DBFE00) contains.

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Color

Hex(DBFE00)

Conversions

Conversions Part 1

Format	Color
Hex	DBFE00
RGB	219, 254, 0
RGB Percent	86%, 100%, 0%
CMY	0.1412, 0.0039, 1.0000
CMYK	0.14, 0.00, 1.00, 0.00
HSL	68°, 100%, 50%
HSV	68°, 100%, 100%
XYZ	64.6552, 85.9437, 13.1811
YIQ	214.5790, 60.6740, -86.4140

Conversions

Conversions Part 2

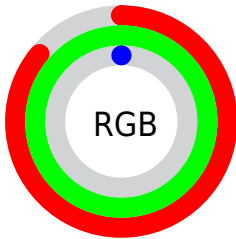
Format	Color
RYB	0, 254, 35
Decimal	14417408
CIELab	94.29, -35.64, 91.21
CIELCh	94, 97.932, 111.344
Yxy	85.9437, 0.3948, 0.5248
Android (android.graphics.Color)	4292607488 (0xFFDBFE00)
YUV	214.5790, -105.7874, 3.8772
Hunter-Lab	92.7058, -37.7451, 56.4641

Details

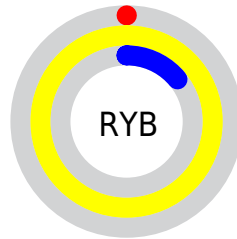
The Hex color **DBFE00** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **2300FE**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF5F**, and **9FC500** is the 20% darker color. If you saturate the color by 10%, you get **DBFE00**, and if you desaturate by 10%, it is **DEFE19**.

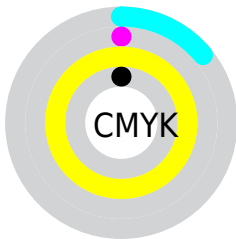
Distribution



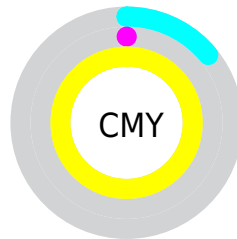
- Red (86%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (14%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color DBFE00 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 DBFE00 by changing the saturation by 10% instead.

 DBFE00

 DBFE00

FFFFFF

 BDE100

 FFFF5F

 9FC500

 FFFF7E

 81AA00

 FFFF9C

 648F00

 FFFFBA

 467600

 FFFFD9

 285D00

 FFFFF7

 014500

 002E00

 001800

 DBFE00

 DEFE19

 E2FE33

 E5FE4C

 E9FE66

 ECFE7F

 F0FE98

 F3FEB2

 F7FECB

 FBFEE5

Harmonies

Analogous

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



FFE100



DBFE00



58FF6F

Triad

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



DBFE00



00FFFF



FF90FF

Complementary

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



DBFE00



2300FE

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.



FFB5FF



DBFE00



00FFFF

Square

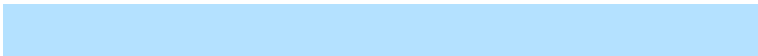
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBFE00



00FFFF



B4E1FF



FF93B0

Rectangle

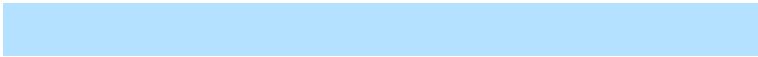
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBFE00



00FFAE



B4E1FF



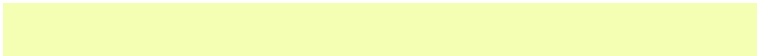
FF9AFF

Sweetspot

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



DBFE00



F4FFB3



FE2200



798052



000000



808080

Same Dimension

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



DBFE00



DCFF00



5DFE00



7E8073



A5BF00



374000

Inverse Universe

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



2300FE



2300FF



A100FE



757380



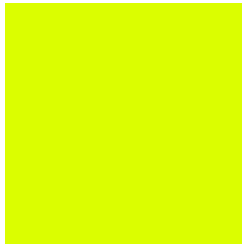
1A00BF



090040

Previews

White Background



This preview shows how the Hex color DBFE00 looks on a white background.

Color Contrast Check

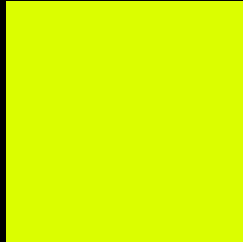
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DBFE00 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DBFE00 Background



This preview shows how black text looks on a background with the Hex color DBFE00.



This preview shows how white text looks on a background with the Hex color DBFE00.

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

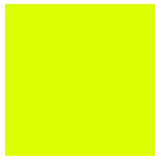


Original Color
DBFE00

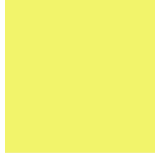
Protanopia
FFEEA8

Deuteranopia
FFEBD2

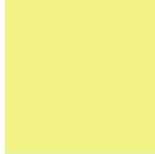
Trichromacy



Original Color
DBFE00



Protanomaly
F2F46B



Deuteranomaly
F2F286

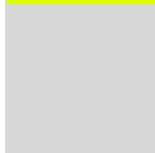


Tritanomaly
E8F3A2

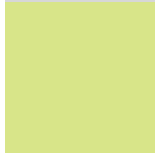
Monochromacy



Original Color
DBFE00



Achromatopsia
D7D7D7



Achromatomaly
D8E589

CSS Examples

Text

The CSS property to change the color of the text to Hex DBFE00 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 #DBFE00 looks like.

```
.text, #text, p{  
    color:#DBFE00  
}
```

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 #DBFE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBFE00
}
```

Border

The CSS property to change the border of an element to Hex DBFE00 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
#DBFE00 }
```

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

```
.border{ border-color:#DBFE00 }
```

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

Here you see how a box with a 4 pixel #DBFE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBFE00; -webkit-box-shadow:4px 4px  
4px 4px #DBFE00; box-shadow:4px 4px 4px  
4px #DBFE00 }
```

Background

The CSS property to change the background color of an element to Hex DBFE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBFE00 }
```

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

```
.background{ background-color:#DBFE00 }
```

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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