

Converting Colors

Hex(DBFF4C)

Have a look what the booklet for
Hex(DBFF4C) contains.

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Color

Hex(DBFF4C)

Conversions

Conversions Part 1

Format	Color
Hex	DBFF4C
RGB	219, 255, 76
RGB Percent	86%, 100%, 30%
CMY	0.1412, 0.0000, 0.7020
CMYK	0.14, 0.00, 0.70, 0.00
HSL	72°, 100%, 65%
HSV	72°, 70%, 100%
XYZ	66.2779, 87.1019, 20.1566
YIQ	223.8300, 36.0030, -63.3010

Conversions

Conversions Part 2

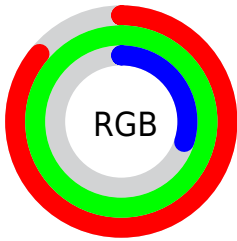
Format	Color
RYB	76, 255, 112
Decimal	14417740
CIELab	94.78, -34.12, 77.02
CIELCh	95, 84.238, 113.896
Yxy	87.1019, 0.3819, 0.5019
Android (android.graphics.Color)	4292607820 (0xFFDBFF4C)
YUV	223.8300, -72.8802, -4.2359
Hunter-Lab	93.3284, -36.5614, 52.5247

Details

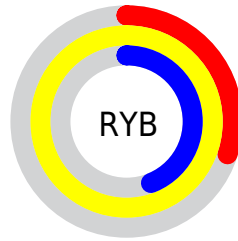
The Hex color **DBFF4C** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **704CFF**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFF87**, and **A0C600** is the 20% darker color. If you saturate the color by 10%, you get **D6FF33**, and if you desaturate by 10%, it is **E0FF66**.

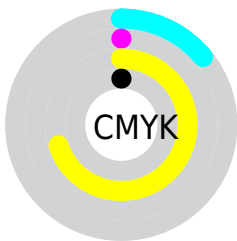
Distribution



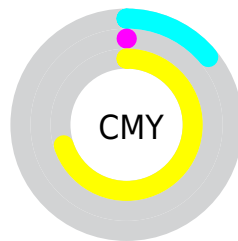
- Red (86%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (44%)



- Cyan (14%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBFF4C 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 DBFF4C by changing the saturation by 10% instead.

 DBFF4C

 DBFF4C

FFFFFF

 BDE22A

 FFFF87

 A0C600

 FFFFA4

 83AB00

 FFFFC1

 679000

 FFFFDE

 4B7600

 FFFFFC

 2D5E00

 0B4600

 002F00

 001900

 DBFF4C

 DBFF4C

 D6FF33

 E0FF66

 D1FF19

 E5FF7F

 CCFF00

 EAFF99

 F0FFB2

 F5FFCC

 FAFFE5

FFFFFF

Harmonies

Analogous

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



FFE63E



DBFF4C



70FF8B

Triad

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



DBFF4C



00FFFF



FFA5FF

Complementary

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



DBFF4C



704CFF

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.



FFBEFF



DBFF4C



00FEFF

Square

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



DBFF4C



00FFFF



D3E1FF



FFAAB3

Rectangle

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



DBFF4C



00FFC0



D3E1FF



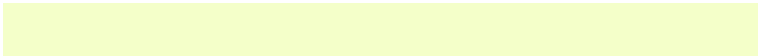
FFABFF

Sweetspot

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



DBFF4C



F4FFC9



FF704C



798060



000000



808080

Same Dimension

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



DBFF4C



D4FF29



82FF4C



7D8073



99BF00



334000

Inverse Universe

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



704CFF



5429FF



C94CFF



757380



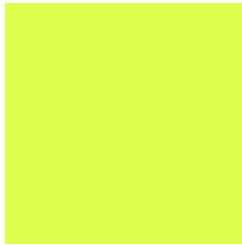
2600BF



0D0040

Previews

White Background



This preview shows how the Hex color DBFF4C looks on a white background.

Color Contrast Check

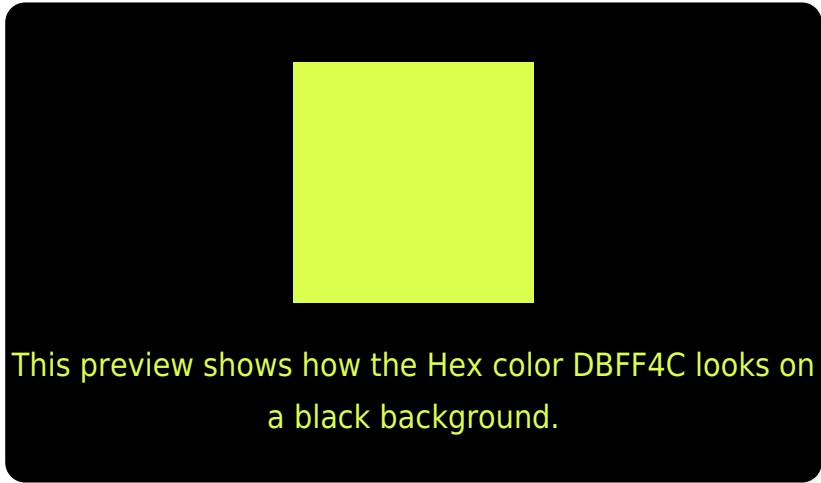
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 DBFF4C Background



This preview shows how black text looks on a background with the Hex color DBFF4C.

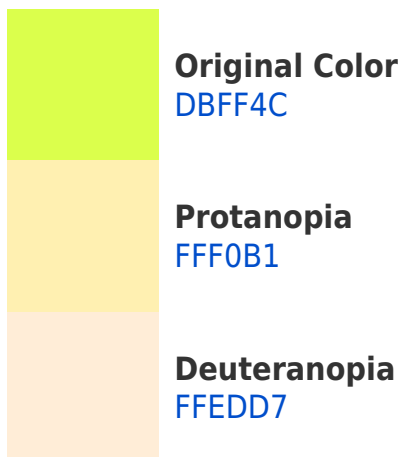


This preview shows how white text looks on a background with the Hex color DBFF4C.

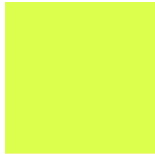
Color Blindness Simulation

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](#).

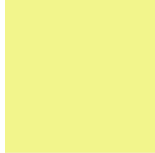
Dichromacy



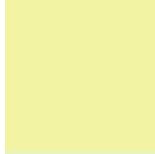
Trichromacy



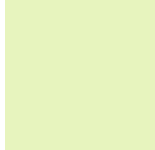
Original Color
DBFF4C



Protanomaly
F2F58C

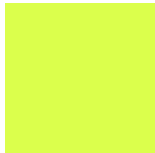


Deuteranomaly
F2F4A4

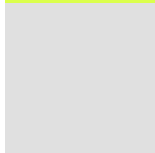


Tritanomaly
E7F4BE

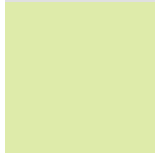
Monochromacy



Original Color
DBFF4C



Achromatopsia
E0E0E0



Achromatomaly
DEEBAA

CSS Examples

Text

The CSS property to change the color of the text to Hex DBFF4C 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 #DBFF4C looks like.

```
.text, #text, p{  
    color:#DBFF4C  
}
```

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 #DBFF4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBFF4C
}
```

Border

The CSS property to change the border of an element to Hex DBFF4C 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
#DBFF4C }
```

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

```
.border{ border-color:#DBFF4C }
```

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

Here you see how a box with a 4 pixel #DBFF4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBFF4C; -webkit-box-shadow:4px 4px  
4px 4px #DBFF4C; box-shadow:4px 4px 4px  
4px #DBFF4C }
```

Background

The CSS property to change the background color of an element to Hex DBFF4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBFF4C }
```

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

```
.background{ background-color:#DBFF4C }
```

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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