

Converting Colors

Hex(4DDE00)

Have a look what the booklet for
Hex(4DDE00) contains.

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Color

Hex(4DDE00)

Conversions

Conversions Part 1

Format	Color
Hex	4DDE00
RGB	77, 222, 0
RGB Percent	30%, 87%, 0%
CMY	0.6980, 0.1294, 1.0000
CMYK	0.65, 0.00, 1.00, 0.13
HSL	99°, 100%, 44%
HSV	99°, 100%, 87%
XYZ	29.1818, 53.8203, 8.8503
YIQ	153.3370, -15.1580, -99.7820

Conversions

Conversions Part 2

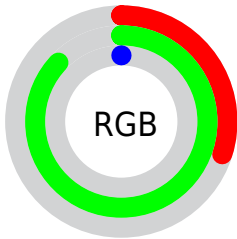
Format	Color
RYB	0, 222, 145
Decimal	5103104
CIELab	78.36, -69.40, 76.05
CIELCh	78, 102.956, 132.383
Yxy	53.8203, 0.3177, 0.5859
Android (android.graphics.Color)	4283293184 (0xFF4DDE00)
YUV	153.3370, -75.5951, -66.9475
Hunter-Lab	73.3623, -57.3809, 44.2010

Details

The Hex color **4DDE00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9100DE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **90FF56**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **4DDE00**, and if you desaturate by 10%, it is **5BDE16**.

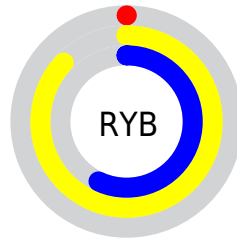
Distribution



Red (30%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (57%)

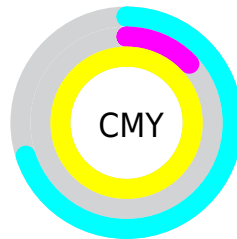


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (70%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DDE00 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 4DDE00 by changing the saturation by 10% instead.

 4DDE00

 4DDE00

FFFFFF

 1FC100

 90FF56

 00A500

 AFFF73

 008A00

 CEFF91

 006F00

 EDFFAE

 005500

 FFFFCB

 003D00

 FFFF99

 002400

 000000

 4DDE00

 5BDE16

 6ADE2C

 78DE43

 87DE59

 95DE6F

 A4DE85

 B3DE9B

 C1DEB2

 D0DEC8

Harmonies

Analogous

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



C5CA00



4DDE00



00E884

Triad

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



4DDE00



00DDFF



FF479F

Complementary

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



4DDE00



9100DE

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.



FF5AFE



4DDE00



00C1FF

Square

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



4DDE00



00E9FF



F493FF



FF7742

Rectangle

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



4DDE00



00EBC7



F493FF



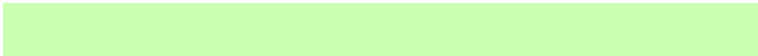
FF44BF

Sweetspot

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



4DDE00



CDFFB3



DE9000



628052



000000



808080

Same Dimension

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



4DDE00



58FF00



00DE21



697065



3DB000



113000

Inverse Universe

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



9100DE



A700FF



DE00BD



6C6570



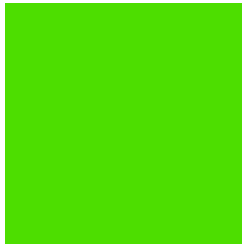
7300B0



200030

Previews

White Background



This preview shows how the Hex color 4DDE00 looks on a white background.

Color Contrast Check

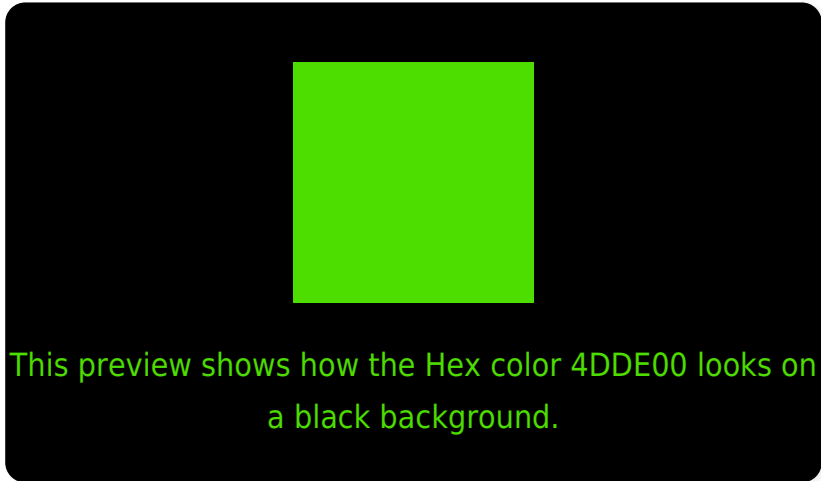
Large Text (above 18pt) WCAG AA × Fail

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

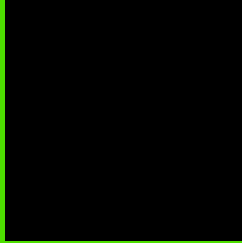
Any Text WCAG AA ✓ Pass

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 4DDE00 Background



This preview shows how black text looks on a background with the Hex color 4DDE00.

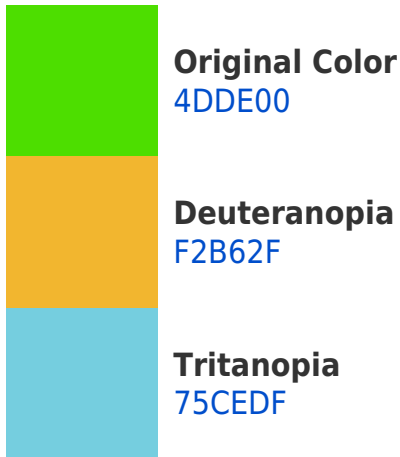


This preview shows how white text looks on a background with the Hex color 4DDE00.

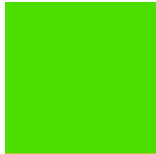
Color Blindness Simulation

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](#).

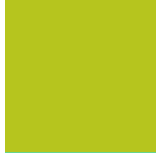
Dichromacy



Trichromacy



Original Color
4DDE00

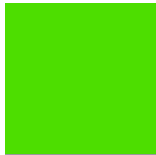


Deuteranomaly
B6C51E



Tritanomaly
66D48E

Monochromacy



Original Color
4DDE00



Achromatopsia
999999



Achromatomaly
7DB261

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DDE00 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 #4DDE00 looks like.

```
.text, #text, p{  
    color:#4DDE00  
}
```

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 #4DDE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDE00
}
```

Border

The CSS property to change the border of an element to Hex 4DDE00 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
#4DDE00 }
```

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

```
.border{ border-color:#4DDE00 }
```

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

Here you see how a box with a 4 pixel #4DDE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDE00; -webkit-box-shadow:4px 4px  
4px 4px #4DDE00; box-shadow:4px 4px 4px  
4px #4DDE00 }
```

Background

The CSS property to change the background color of an element to Hex 4DDE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDE00 }
```

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

```
.background{ background-color:#4DDE00 }
```

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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