

Converting Colors

Hex(4DE868)

Have a look what the booklet for
Hex(4DE868) contains.

Hex(4DE868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4DE868)

Conversions

Conversions Part 1

Format	Color
Hex	4DE868
RGB	77, 232, 104
RGB Percent	30%, 91%, 41%
CMY	0.6980, 0.0902, 0.5922
CMYK	0.67, 0.00, 0.55, 0.09
HSL	130°, 77%, 61%
HSV	130°, 67%, 91%
XYZ	34.4159, 60.2905, 22.9200
YIQ	171.0630, -51.2920, -72.6680

Conversions

Conversions Part 2

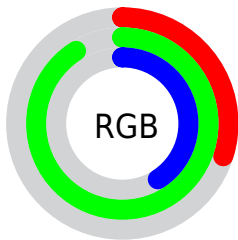
Format	Color
RYB	77, 209, 232
Decimal	5105768
CIELab	82.00, -66.02, 49.99
CIELCh	82, 82.807, 142.869
Yxy	60.2905, 0.2926, 0.5126
Android (android.graphics.Color)	4283295848 (0xFF4DE868)
YUV	171.0630, -33.0621, -82.4933
Hunter-Lab	77.6469, -56.7646, 36.8515

Details

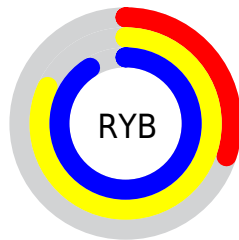
The Hex color **4DE868** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **E84DCD**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8FFF9E**, and **00AF33** is the 20% darker color. If you saturate the color by 10%, you get **36E855**, and if you desaturate by 10%, it is **64E87B**.

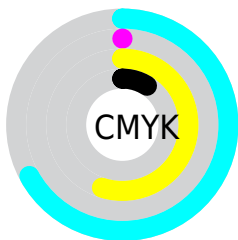
Distribution



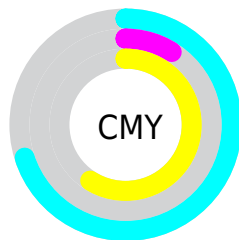
- Red (30%)
- Green (91%)
- Blue (41%)



- Red (30%)
- Yellow (82%)
- Blue (91%)



- Cyan (67%)
- Magenta (0%)
- Yellow (55%)
- Black (9%)



- Cyan (70%)
- Magenta (9%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4DE868 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 4DE868 by changing the saturation by 10% instead.

 4DE868

 4DE868

FFFFFF

 21CB4E

 8FFF9E

 00AF33

 ADFFB8

 009315

 CCFFD6

 007800

 EBFFF3

 005E00

 004500

 002D00

 000D00

 000000

 4DE868

 4DE868

 36E855

 64E87B

 1FE842

 7BE88E

 07E82F

 93E8A1

 00E828

 AAE8B5

 C1E8C8

 D8E8DB

 EFE8EE

 FFE8FF

Harmonies

Analogous

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



B9DA23



4DE868



00EFB6

Triad

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



4DE868



00DAFF



FF8494

Complementary

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



4DE868



E84DCD

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.



FF80E2



4DE868



A7BFFF

Square

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



4DE868



00EAFB



FF9CFF



FFA24F

Rectangle

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



4DE868



00F0EC



FF9CFF



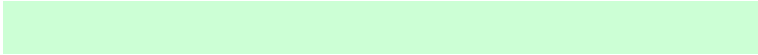
FF7FAE

Sweetspot

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



4DE868



CCFFD5



CEE84D



618066



000000



808080

Same Dimension

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



4DE868



33FF57



4DE8B4



677369



00B31F



003309

Inverse Universe

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



E84DCD



FF33DB



E84D81



736771



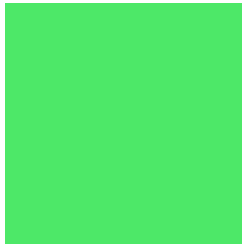
B30093



33002A

Previews

White Background



This preview shows how the Hex color 4DE868 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 4DE868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

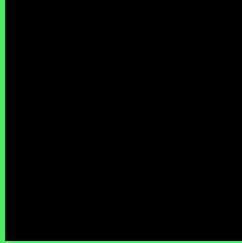
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

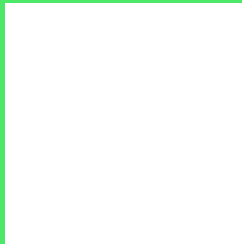
Any Text WCAG AAA ✓ Pass

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

Hex 4DE868 Background



This preview shows how black text looks on a background with the Hex color 4DE868.

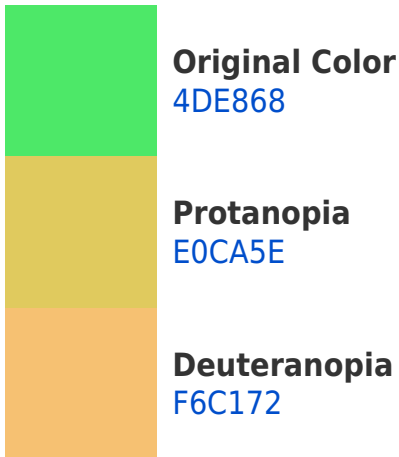


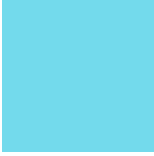
This preview shows how white text looks on a background with the Hex color 4DE868.

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
73DAEC

Trichromacy



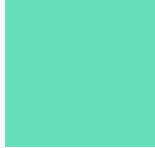
Original Color
4DE868



Protanomaly
ABD562



Deuteranomaly
B9CF6E



Tritanomaly
65DFBC

Monochromacy



Original Color
4DE868



Achromatopsia
ABABAB



Achromatomaly
89C193

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DE868 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 #4DE868 looks like.

```
.text, #text, p{  
    color:#4DE868  
}
```

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 #4DE868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DE868
}
```

Border

The CSS property to change the border of an element to Hex 4DE868 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
#4DE868 }
```

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

```
.border{ border-color:#4DE868 }
```

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

Here you see how a box with a 4 pixel #4DE868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DE868; -webkit-box-shadow:4px 4px  
4px 4px #4DE868; box-shadow:4px 4px 4px  
4px #4DE868 }
```

Background

The CSS property to change the background color of an element to Hex 4DE868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DE868 }
```

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

```
.background{ background-color:#4DE868 }
```

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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