

Converting Colors

Hex(2DE448)

Have a look what the booklet for
Hex(2DE448) contains.

Hex(2DE448)	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(2DE448)

Conversions

Conversions Part 1

Format	Color
Hex	2DE448
RGB	45, 228, 72
RGB Percent	18%, 89%, 28%
CMY	0.8235, 0.1059, 0.7176
CMYK	0.80, 0.00, 0.68, 0.11
HSL	129°, 77%, 54%
HSV	129°, 80%, 89%
XYZ	29.9953, 56.5126, 15.4580
YIQ	155.4990, -58.9920, -87.3120

Conversions

Conversions Part 2

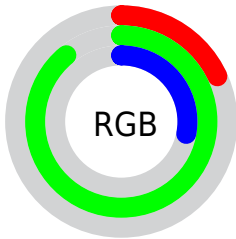
Format	Color
RYB	45, 204, 228
Decimal	3007560
CIELab	79.90, -72.97, 61.02
CIELCh	80, 95.118, 140.096
Yxy	56.5126, 0.2942, 0.5542
Android (android.graphics.Color)	4281197640 (0xFF2DE448)
YUV	155.4990, -41.1650, -96.9076
Hunter-Lab	75.1748, -60.3332, 40.4308

Details

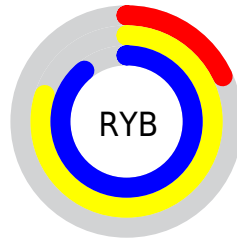
The Hex color **2DE448** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E42DC9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7BFF80**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **16E435**, and if you desaturate by 10%, it is **44E45B**.

Distribution



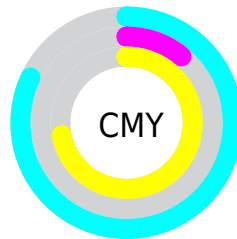
- Red (18%)
- Green (89%)
- Blue (28%)



- Red (18%)
- Yellow (80%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (68%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DE448 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 2DE448 by changing the saturation by 10% instead.

 2DE448

 2DE448

FFFFFF

 00C72A

 7BFF80

 00AB00

 9CFF9B

 008F00

 BBFFB8

 007400

 DBFFD5

 005A00

 FAFFF2

 004100

 002800

 000000

 2DE448


 2DE448

 16E435

 44E45B

 00E422

 5BE46F

 71E482

 88E496

 9FE4A9

 B6E4BD

 CDE4D0

 E3E4E3

 FAE4F7

Harmonies

Analogous

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



B5D400



2DE448



00ECA5

Triad

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



2DE448



00D9FF



FF688F

Complementary

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



2DE448



E42DC9

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.



FF66E8



2DE448



7BBBFF

Square

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



2DE448



00E9FF



FF90FF



FF903B

Rectangle

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



2DE448



00EEE3



FF90FF



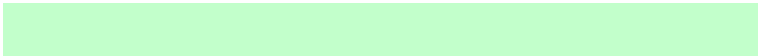
FF61AC

Sweetspot

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



2DE448



C2FFCB



CCE42D



5B8060



000000



808080

Same Dimension

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



2DE448



0AFF2E



2DE4A1



677369



00B31A



003308

Inverse Universe

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



E42DC9



FF0ADB



E42D70



736771



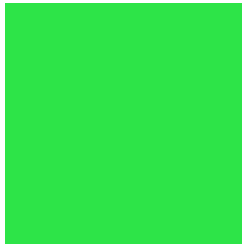
B30098



33002B

Previews

White Background



This preview shows how the Hex color 2DE448 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 2DE448 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 2DE448 Background



This preview shows how black text looks on a background with the Hex color 2DE448.

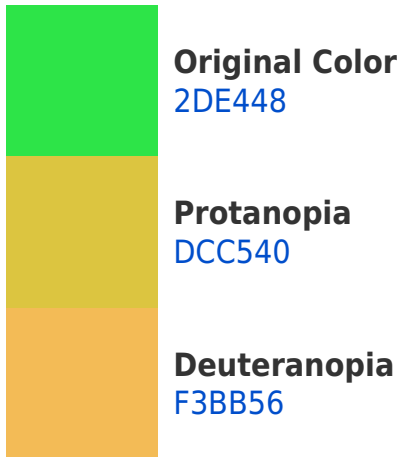


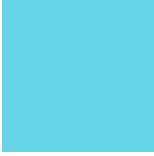
This preview shows how white text looks on a background with the Hex color 2DE448.

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
65D5E6

Trichromacy



Original Color
2DE448



Protanomaly
9CD043



Deuteranomaly
ABCA51



Tritanomaly
51DAAD

Monochromacy



Original Color
2DE448



Achromatopsia
9B9B9B



Achromatomaly
73B67D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DE448 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 #2DE448 looks like.

```
.text, #text, p{  
    color:#2DE448  
}
```

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 #2DE448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DE448
}
```

Border

The CSS property to change the border of an element to Hex 2DE448 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
#2DE448 }
```

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

```
.border{ border-color:#2DE448 }
```

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

Here you see how a box with a 4 pixel #2DE448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DE448; -webkit-box-shadow:4px 4px  
4px 4px #2DE448; box-shadow:4px 4px 4px  
4px #2DE448 }
```

Background

The CSS property to change the background color of an element to Hex 2DE448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DE448 }
```

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

```
.background{ background-color:#2DE448 }
```

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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