

Converting Colors

Hex(2DE169)

Have a look what the booklet for
Hex(2DE169) contains.

| | |
|--|----|
| Hex(2DE169) | 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(2DE169)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2DE169 |
| RGB | 45, 225, 105 |
| RGB Percent | 18%, 88%, 41% |
| CMY | 0.8235, 0.1176, 0.5882 |
| CMYK | 0.80, 0.00, 0.53, 0.12 |
| HSL | 140°, 75%, 53% |
| HSV | 140°, 80%, 88% |
| XYZ | 30.5572, 55.4282, 22.4528 |
| YIQ | 157.5000, -68.7600, -75.4800 |

Conversions

Conversions Part 2

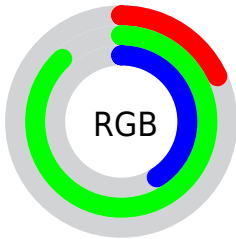
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 45, 180, 225 |
| Decimal | 3006825 |
| CIELab | 79.29, -68.19, 46.13 |
| CIELCh | 79, 82.331, 145.924 |
| Yxy | 55.4282, 0.2818, 0.5112 |
| Android (android.graphics.Color) | 4281196905 (0xFF2DE169) |
| YUV | 157.5000, -25.8825, -98.6625 |
| Hunter-Lab | 74.4501, -57.0245, 34.2343 |




Details

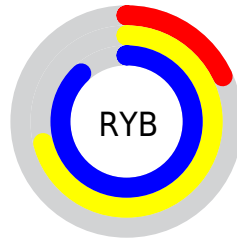
The Hex color **2DE169** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E12DA5**, and the grayscale version is **9E9E9E**.




A 20% lighter version of the original color is **79FF9F**, and **00A835** is the 20% darker color. If you saturate the color by 10%, you get **16E15A**, and if you desaturate by 10%, it is **44E178**.

Distribution







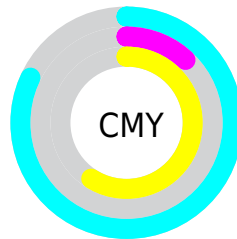
-  Red (18%)
-  Green (88%)
-  Blue (41%)






-  Red (18%)
-  Yellow (71%)
-  Blue (88%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (53%)
-  Black (12%)



-  Cyan (82%)
-  Magenta (12%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DE169 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 2DE169 by changing the saturation by 10% instead.

 2DE169

 2DE169

FFFFFF

 00C44F

 79FF9F

 00A835

 99FFBA

 008D19

 B8FFD7

 007200

 D7FFF4

 005800

 F7FFFF

 003F00

 002600

 000000

 2DE169

 2DE169

 16E15A

 44E178

 00E14B

 5AE187

 71E196

 87E1A5

 9DE1B4

 B4E1C3

 CBE1D2

 E1E1E1

 F8E1F0

Harmonies

Analogous

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



A9D421



2DE169



00E7B7

Triad

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



2DE169



00D1FF



FF7F86

Complementary

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



2DE169



E12DA5

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.



FF77D2



2DE169



AEB5FF

Square

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



2DE169



00E1FF



FF91FF



FF9E42

Rectangle

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



2DE169



00E8EC



FF91FF



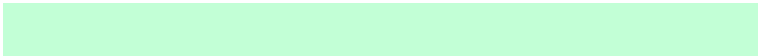
FF799F

Sweetspot

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



2DE169



C2FFD6



A5E12D



5B8067



000000



808080

Same Dimension

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



2DE169



0AFF5C



2DE1C3



657069



00B03B



003010

Inverse Universe

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



E12DA5



FF0AAD



E12D4B



70656C



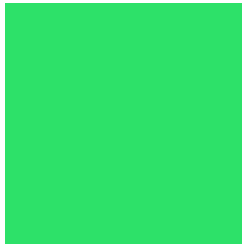
B00075



300020

Previews

White Background



This preview shows how the Hex color 2DE169 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 2DE169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

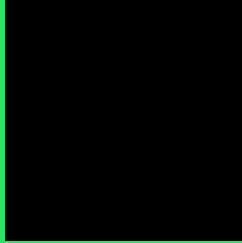
Any Text WCAG AA ✓ Pass

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 2DE169 Background



This preview shows how black text looks on a background with the Hex color 2DE169.

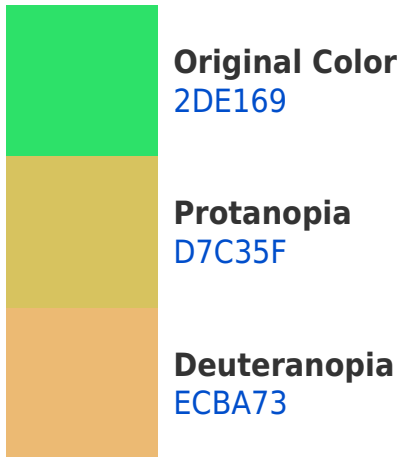


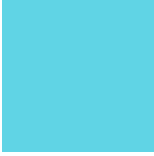
This preview shows how white text looks on a background with the Hex color 2DE169.

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
60D4E5

Trichromacy



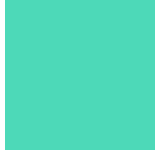
Original Color
2DE169



Protanomaly
99CE63



Deuteranomaly
A7C86F



Tritanomaly
4DD9B8

Monochromacy



Original Color
2DE169



Achromatopsia
9E9E9E



Achromatomaly
75B68B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DE169 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 #2DE169 looks like.

```
.text, #text, p{  
    color:#2DE169  
}
```

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 #2DE169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DE169
}
```

Border

The CSS property to change the border of an element to Hex 2DE169 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
#2DE169 }
```

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

```
.border{ border-color:#2DE169 }
```

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

Here you see how a box with a 4 pixel #2DE169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DE169; -webkit-box-shadow:4px 4px  
4px 4px #2DE169; box-shadow:4px 4px 4px  
4px #2DE169 }
```

Background

The CSS property to change the background color of an element to Hex 2DE169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DE169 }
```

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

```
.background{ background-color:#2DE169 }
```

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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