

Converting Colors

Hex(2DC06E)

Have a look what the booklet for
Hex(2DC06E) contains.

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Color

Hex(2DC06E)

Conversions

Conversions Part 1

Format	Color
Hex	2DC06E
RGB	45, 192, 110
RGB Percent	18%, 75%, 43%
CMY	0.8235, 0.2471, 0.5686
CMYK	0.77, 0.00, 0.43, 0.25
HSL	147°, 62%, 46%
HSV	147°, 77%, 75%
XYZ	22.7463, 39.3830, 21.1547
YIQ	138.6990, -61.2900, -56.6660

Conversions

Conversions Part 2

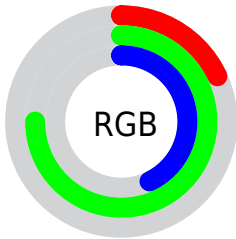
Format	Color
RYB	45, 147, 192
Decimal	2998382
CIELab	69.03, -56.07, 30.76
CIELCh	69, 63.956, 151.249
Yxy	39.3830, 0.2731, 0.4729
Android (android.graphics.Color)	4281188462 (0xFF2DC06E)
YUV	138.6990, -14.1486, -82.1740
Hunter-Lab	62.7558, -45.1241, 23.9427

Details

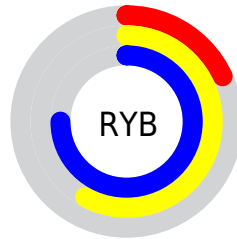
The Hex color **2DC06E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C02D7F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **71FAA2**, and **00893D** is the 20% darker color. If you saturate the color by 10%, you get **1AC063**, and if you desaturate by 10%, it is **40C079**.

Distribution



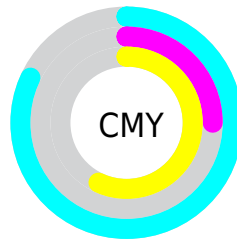
- Red (18%)
- Green (75%)
- Blue (43%)



- Red (18%)
- Yellow (58%)
- Blue (75%)



- Cyan (77%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (82%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DC06E 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 2DC06E by changing the saturation by 10% instead.

 2DC06E

 2DC06E


FFFFFF

 00A455

 71FAA2

 00893D

 90FFBE

 006F25

 AEFFDA

 00550D

 CCFFF7

 003C00

 EAFFFF

 002500

 000000

 2DC06E

 2DC06E

 1AC063

 40C079

 07C059

 53C083

 00C055

 67C08E

 7AC099

 8DC0A4

 A0C0AE

 B3C0B9

 C7C0C4

 DAC0CE

Harmonies

Analogous

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



8AB63D



2DC06E



00C4A9

Triad

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



2DC06E



00AEFF



FF7B70

Complementary

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



2DC06E



C02D7F

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.



FF72A8



2DC06E



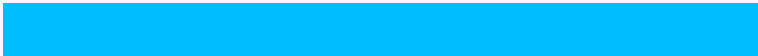
AC98FF

Square

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



2DC06E



00BDFE



F080E1



F29141

Rectangle

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



2DC06E



00C4D1



F080E1



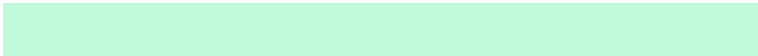
FF7582

Sweetspot

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



2DC06E



C0FADA



80C02D



5A7D69



FCFCFC



7D7D7D

Same Dimension

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



2DC06E



14FA7A



2DC0B6



57615B



00A147



00210F

Inverse Universe

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



C02D7F



FA1494



C02D37



61575D



A1005A



210012

Previews

White Background



This preview shows how the Hex color 2DC06E looks on a white background.

Color Contrast Check

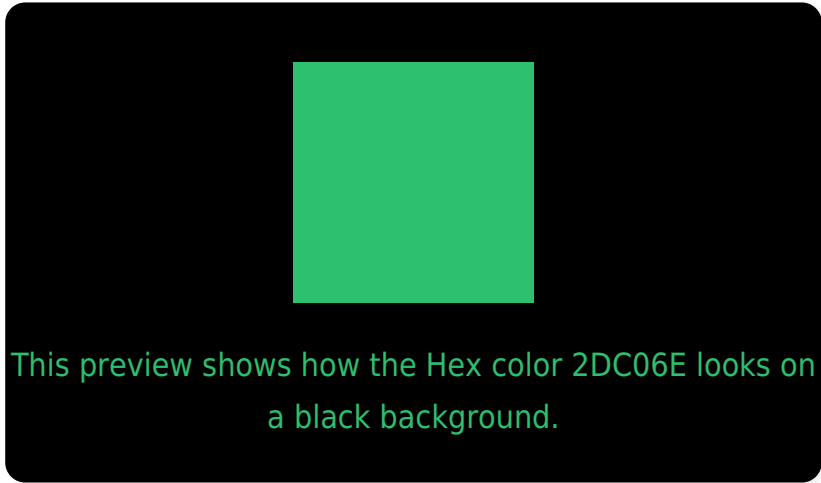
Large Text (above 18pt) WCAG AA × Fail

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 2DC06E Background



This preview shows how black text looks on a background with the Hex color 2DC06E.

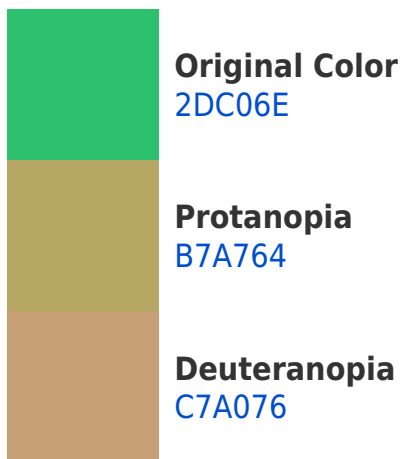


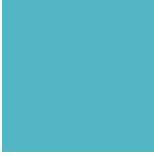
This preview shows how white text looks on a background with the Hex color 2DC06E.

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
52B6C5

Trichromacy



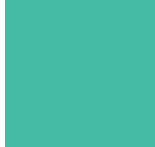
Original Color
2DC06E



Protanomaly
85B068



Deuteranomaly
8FAC73



Tritanomaly
45BAA5

Monochromacy



Original Color
2DC06E



Achromatopsia
8B8B8B



Achromatomaly
699E80

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DC06E 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 #2DC06E looks like.

```
.text, #text, p{  
    color:#2DC06E  
}
```

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 #2DC06E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC06E
}
```

Border

The CSS property to change the border of an element to Hex 2DC06E 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
#2DC06E }
```

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

```
.border{ border-color:#2DC06E }
```

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

Here you see how a box with a 4 pixel #2DC06E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC06E; -webkit-box-shadow:4px 4px  
4px 4px #2DC06E; box-shadow:4px 4px 4px  
4px #2DC06E }
```

Background

The CSS property to change the background color of an element to Hex 2DC06E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC06E }
```

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

```
.background{ background-color:#2DC06E }
```

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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