

Converting Colors

Hex(40D969)

Have a look what the booklet for
Hex(40D969) contains.

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Color

Hex(40D969)

Conversions

Conversions Part 1

Format	Color
Hex	40D969
RGB	64, 217, 105
RGB Percent	25%, 85%, 41%
CMY	0.7490, 0.1490, 0.5882
CMYK	0.71, 0.00, 0.52, 0.15
HSL	136°, 67%, 55%
HSV	136°, 71%, 85%
XYZ	29.4770, 51.7356, 21.7970
YIQ	158.4850, -55.2360, -67.2680

Conversions

Conversions Part 2

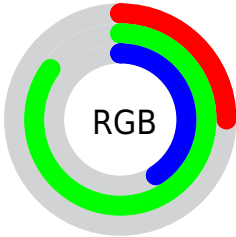
Format	Color
RYB	64, 185, 217
Decimal	4249961
CIELab	77.12, -62.95, 43.56
CIELCh	77, 76.549, 145.317
Yxy	51.7356, 0.2862, 0.5022
Android (android.graphics.Color)	4282440041 (0xFF40D969)
YUV	158.4850, -26.3681, -82.8633
Hunter-Lab	71.9275, -52.7210, 32.3819

Details

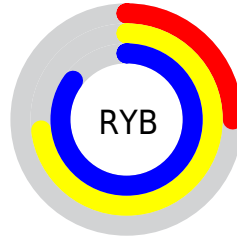
The Hex color **40D969** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D940B0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **83FF9E**, and **00A136** is the 20% darker color. If you saturate the color by 10%, you get **2AD959**, and if you desaturate by 10%, it is **56D979**.

Distribution



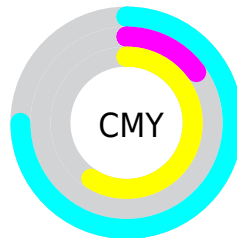
- Red (25%)
- Green (85%)
- Blue (41%)



- Red (25%)
- Yellow (73%)
- Blue (85%)



- Cyan (71%)
- Magenta (0%)
- Yellow (52%)
- Black (15%)



- Cyan (75%)
- Magenta (15%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40D969 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 40D969 by changing the saturation by 10% instead.



40D969



40D969

FFFFFF



06BD4F



83FF9E



00A136



A1FFBA



00851B



C0FFD6



006B00



DEFFF3



005100



FDFFFF



003900



002000



000000



40D969



40D969

 2AD959

 56D979

 15D949

 6BD989

 00D93A

 81D999

 97D9A9

 ADD9B8

 C2D9C8

 D8D9D8

 EED9E8

 FFD9F8

Harmonies

Analogous

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



A7CC2C



40D969



00DFB1

Triad

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



40D969



00CAFF



FF8086

Complementary

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



40D969



D940B0

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.



FF7ACD



40D969



A9B0FF

Square

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



40D969



00D9FF



FF90FF



FF9B48

Rectangle

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



40D969



00E0E2



FF90FF



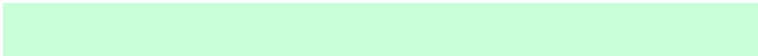
FF7A9D

Sweetspot

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



40D969



C9FFD8



B0D940



608068



000000



808080

Same Dimension

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



40D969



26FF60



40D9B5



636E66



00AD2E



002E0C

Inverse Universe

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



D940B0



FF26C5



D94064



6E636B



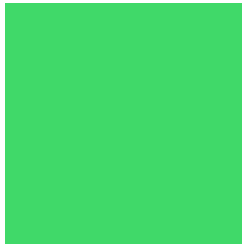
AD007F



2E0022

Previews

White Background



This preview shows how the Hex color 40D969 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 40D969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

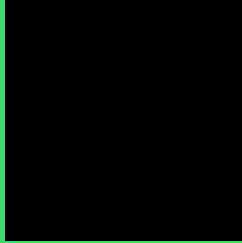
Any Text WCAG AA ✓ Pass

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 40D969 Background



This preview shows how black text looks on a background with the Hex color 40D969.

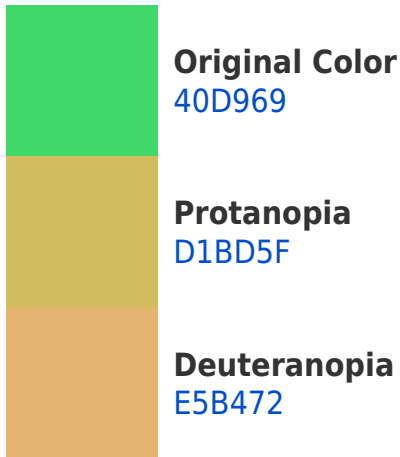


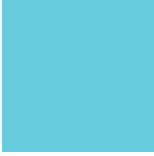
This preview shows how white text looks on a background with the Hex color 40D969.

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](#).

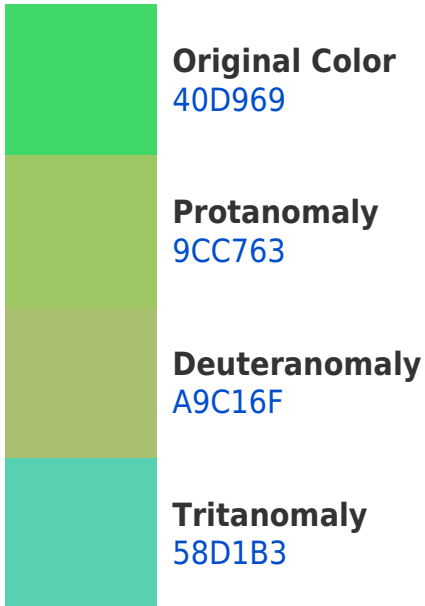
Dichromacy



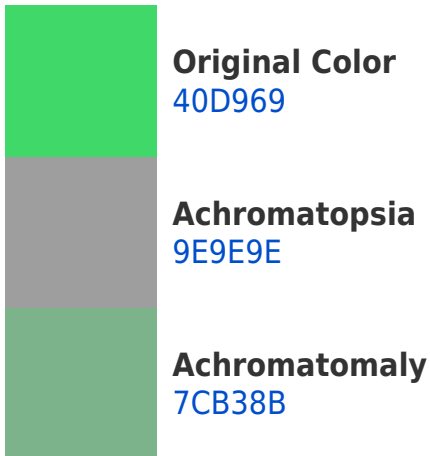


Tritanopia
66CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40D969 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 #40D969 looks like.

```
.text, #text, p{  
    color:#40D969  
}
```

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 #40D969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D969
}
```

Border

The CSS property to change the border of an element to Hex 40D969 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
#40D969 }
```

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

```
.border{ border-color:#40D969 }
```

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

Here you see how a box with a 4 pixel #40D969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D969; -webkit-box-shadow:4px 4px  
4px 4px #40D969; box-shadow:4px 4px 4px  
4px #40D969 }
```

Background

The CSS property to change the background color of an element to Hex 40D969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D969 }
```

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

```
.background{ background-color:#40D969 }
```

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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