

Converting Colors

Hex(40D649)

Have a look what the booklet for
Hex(40D649) contains.

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Color

Hex(40D649)

Conversions

Conversions Part 1

Format	Color
Hex	40D649
RGB	64, 214, 73
RGB Percent	25%, 84%, 29%
CMY	0.7490, 0.1608, 0.7137
CMYK	0.70, 0.00, 0.66, 0.16
HSL	124°, 65%, 55%
HSV	124°, 70%, 84%
XYZ	27.3635, 49.6642, 14.4473
YIQ	153.0760, -44.1390, -75.6510

Conversions

Conversions Part 2

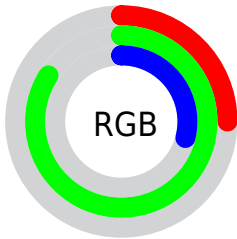
Format	Color
RYB	64, 206, 214
Decimal	4249161
CIELab	75.86, -65.81, 56.37
CIELCh	76, 86.653, 139.414
Yxy	49.6642, 0.2991, 0.5429
Android (android.graphics.Color)	4282439241 (0xFF40D649)
YUV	153.0760, -39.4775, -78.1197
Hunter-Lab	70.4728, -54.0186, 37.1762

Details

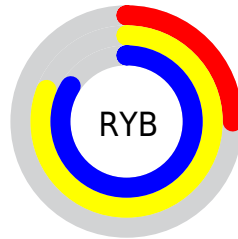
The Hex color **40D649** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D640CD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **83FF7F**, and **009E06** is the 20% darker color. If you saturate the color by 10%, you get **2BD635**, and if you desaturate by 10%, it is **55D65D**.

Distribution



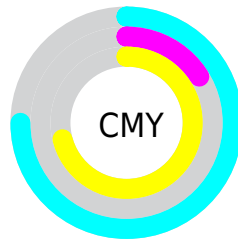
- Red (25%)
- Green (84%)
- Blue (29%)



- Red (25%)
- Yellow (81%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (66%)
- Black (16%)



- Cyan (75%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40D649 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 40D649 by changing the saturation by 10% instead.

 40D649

 40D649

FFFFFF

 04BA2D

 83FF7F

 009E06

 A2FF9B

 008300

 C1FFB7

 006800

 DFFFD4

 004E00

 FEFFF1

 003700

 001D00

 000000

 40D649

 40D649

 2BD635

 55D65D

 15D621

 6BD671

 00D60D

 80D685

 96D699

 ABD6AE

 C0D6C2

 D6D6D6

 EBD6EA

 FFD6FE

Harmonies

Analogous

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



AEC700



40D649



00DE9B

Triad

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



40D649



00CDFE



FF698B

Complementary

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



40D649



D640CD

Split Complementary

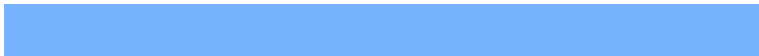
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF69DB



40D649



77B2FF

Square

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



40D649



00DBFF



FE8CFF



FF8A40

Rectangle

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



40D649



00DFD3



FE8CFF



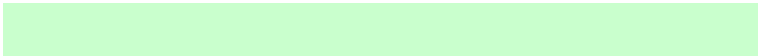
FF64A5

Sweetspot

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



40D649



C9FFCD



CFD640



608062



000000



808080

Same Dimension

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



40D649



29FF36



40D693



606B61



00AB0A



002B03

Inverse Universe

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



D640CD



FF29F2



D64083



6B606A



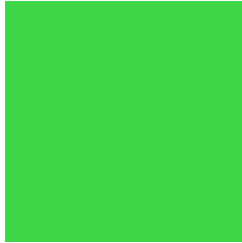
AB00A1



2B0029

Previews

White Background



This preview shows how the Hex color 40D649 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 40D649 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 40D649 Background



This preview shows how black text looks on a background with the Hex color 40D649.

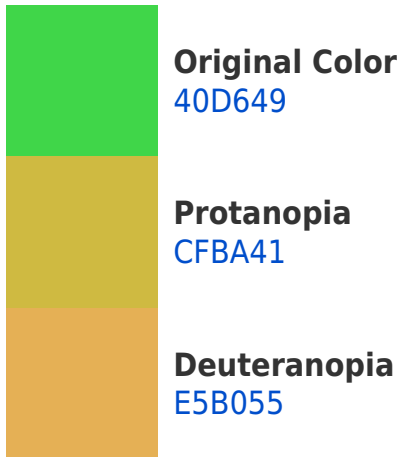


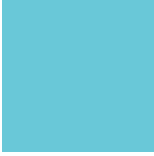
This preview shows how white text looks on a background with the Hex color 40D649.

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
69C8D8

Trichromacy



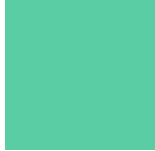
Original Color
40D649



Protanomaly
9BC444



Deuteranomaly
A9BE51



Tritanomaly
5ACDA4

Monochromacy



Original Color
40D649



Achromatopsia
999999



Achromatomaly
79AF7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 40D649 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 #40D649 looks like.

```
.text, #text, p{  
    color:#40D649  
}
```

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 #40D649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D649
}
```

Border

The CSS property to change the border of an element to Hex 40D649 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
#40D649 }
```

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

```
.border{ border-color:#40D649 }
```

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

Here you see how a box with a 4 pixel #40D649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D649; -webkit-box-shadow:4px 4px  
4px 4px #40D649; box-shadow:4px 4px 4px  
4px #40D649 }
```

Background

The CSS property to change the background color of an element to Hex 40D649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D649 }
```

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

```
.background{ background-color:#40D649 }
```

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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