

Converting Colors

Hex(41D069)

Have a look what the booklet for
Hex(41D069) contains.

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Color

Hex(41D069)

Conversions

Conversions Part 1

Format	Color
Hex	41D069
RGB	65, 208, 105
RGB Percent	25%, 82%, 41%
CMY	0.7451, 0.1843, 0.5882
CMYK	0.69, 0.00, 0.50, 0.18
HSL	137°, 60%, 54%
HSV	137°, 69%, 82%
XYZ	27.2857, 47.2555, 21.0477
YIQ	153.5010, -52.1650, -62.3490

Conversions

Conversions Part 2

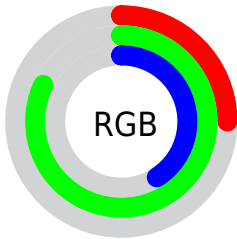
Format	Color
RYB	65, 177, 208
Decimal	4313193
CIELab	74.35, -59.61, 40.14
CIELCh	74, 71.868, 146.046
Yxy	47.2555, 0.2854, 0.4944
Android (android.graphics.Color)	4282503273 (0xFF41D069)
YUV	153.5010, -23.9110, -77.6154
Hunter-Lab	68.7426, -49.4485, 29.9663

Details

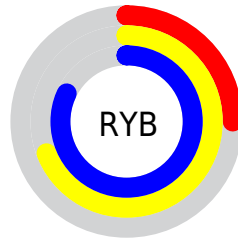
The Hex color **41D069** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D041A8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **82FF9E**, and **009836** is the 20% darker color. If you saturate the color by 10%, you get **2CD05A**, and if you desaturate by 10%, it is **56D078**.

Distribution



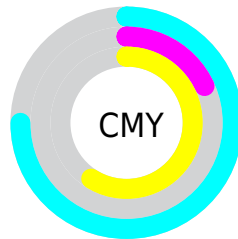
- Red (25%)
- Green (82%)
- Blue (41%)



- Red (25%)
- Yellow (69%)
- Blue (82%)



- Cyan (69%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41D069 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 41D069 by changing the saturation by 10% instead.



41D069



41D069

FFFFFF



10B450



82FF9E



009836



A0FFB9



007D1D



BEFFD6



006300



DCFFF2



004A00



FAFFFF



003300



001800



000000



41D069



41D069

 2CD05A

 56D078

 17D04B

 6BD087

 03D03C

 7FD096

 00D03A

 94D0A5

 A9D0B4

 BED0C3

 D3D0D2

 E7D0E1

 FCD0F0

Harmonies

Analogous

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



A0C432



41D069



00D6AC

Triad

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



41D069



00C1FF



FF7E81

Complementary

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



41D069



D041A8

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.



FF78C2



41D069



A7A9FF

Square

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



41D069



00D0FF



FE8CFF



FF9748

Rectangle

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



41D069



00D6D9



FE8CFF



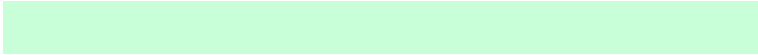
FF7996

Sweetspot

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



41D069



C9FFD8



AAD041



608069



000000



808080

Same Dimension

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



41D069



2BFF67



41D0AF



5E6961



00A82F



00290B

Inverse Universe

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



D041A8



FF2BC4



D04162



695E66



A80079



29001D

Previews

White Background



This preview shows how the Hex color 41D069 looks on a white background.

Color Contrast Check

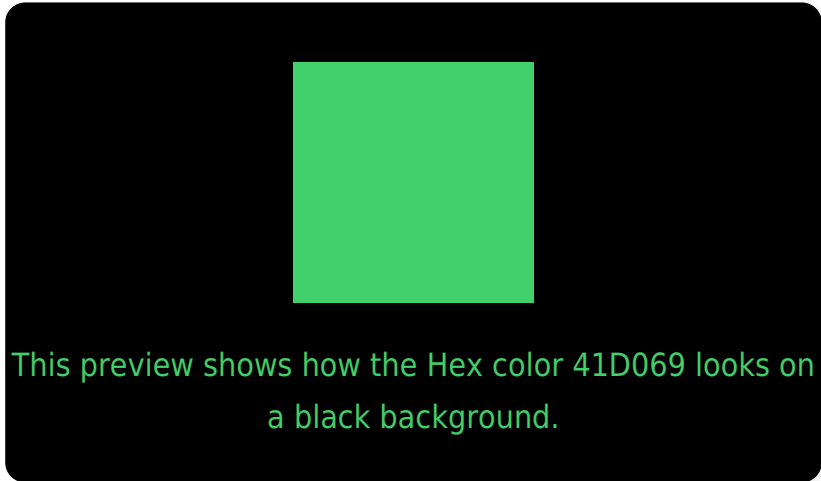
Large Text (above 18pt) WCAG AA × Fail

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

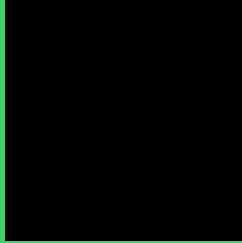
Any Text WCAG AA ✓ Pass

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 41D069 Background



This preview shows how black text looks on a background with the Hex color 41D069.

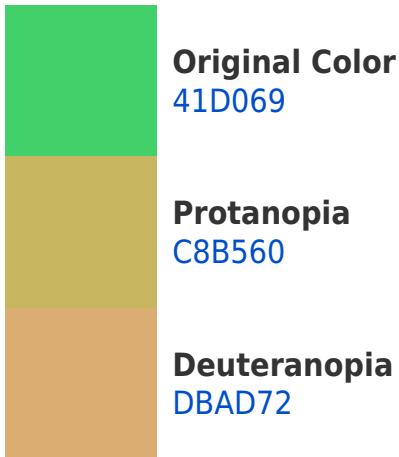


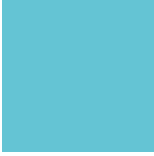
This preview shows how white text looks on a background with the Hex color 41D069.

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](#).

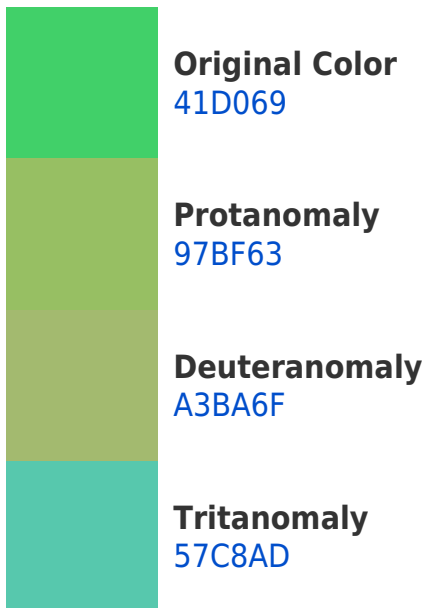
Dichromacy



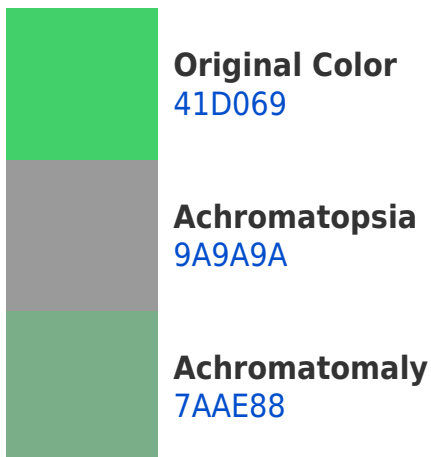


Tritanopia
64C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41D069 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 #41D069 looks like.

```
.text, #text, p{  
    color:#41D069  
}
```

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 #41D069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D069
}
```

Border

The CSS property to change the border of an element to Hex 41D069 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
#41D069 }
```

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

```
.border{ border-color:#41D069 }
```

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

Here you see how a box with a 4 pixel #41D069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D069; -webkit-box-shadow:4px 4px  
4px 4px #41D069; box-shadow:4px 4px 4px  
4px #41D069 }
```

Background

The CSS property to change the background color of an element to Hex 41D069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D069 }
```

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

```
.background{ background-color:#41D069 }
```

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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