

Converting Colors

Hex(40D06D)

Have a look what the booklet for
Hex(40D06D) contains.

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Color

Hex(40D06D)

Conversions

Conversions Part 1

Format	Color
Hex	40D06D
RGB	64, 208, 109
RGB Percent	25%, 82%, 43%
CMY	0.7490, 0.1843, 0.5725
CMYK	0.69, 0.00, 0.48, 0.18
HSL	139°, 61%, 53%
HSV	139°, 69%, 82%
XYZ	27.4305, 47.3059, 22.1532
YIQ	153.6580, -54.0450, -61.3170

Conversions

Conversions Part 2

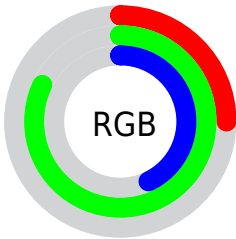
Format	Color
RYB	64, 174, 208
Decimal	4247661
CIELab	74.38, -59.17, 38.21
CIELCh	74, 70.431, 147.150
Yxy	47.3059, 0.2831, 0.4882
Android (android.graphics.Color)	4282437741 (0xFF40D06D)
YUV	153.6580, -22.0164, -78.6301
Hunter-Lab	68.7793, -49.1743, 29.0487

Details

The Hex color **40D06D** 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 **D040A3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **81FFA2**, and **00983B** is the 20% darker color. If you saturate the color by 10%, you get **2BD05F**, and if you desaturate by 10%, it is **55D07B**.

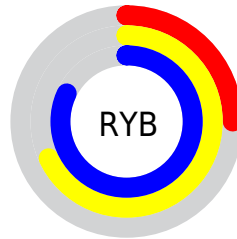
Distribution



Red (25%)

Green (82%)

Blue (43%)



Red (25%)

Yellow (68%)

Blue (82%)

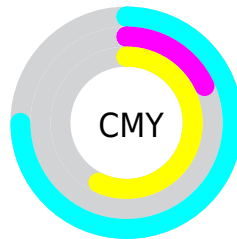


Cyan (69%)

Magenta (0%)

Yellow (48%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40D06D 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 40D06D by changing the saturation by 10% instead.

 40D06D

 40D06D

FFFFFF

 0EB454

 81FFA2

 00983B

 9FFFBE

 007D22

 BDFFDA

 006305

 DBFFF6

 004A00

 FAFFFF

 003300

 001800

 000000

 40D06D

 40D06D

 2BD05F

 55D07B

 16D050

 6AD08A

 02D042

 7ED098

 00D041

 93D0A6

 A8D0B5

 BDD0C3

 D2D0D1

 E6D0DF

 FBD0EE

Harmonies

Analogous

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



9EC538



40D06D



00D5AE

Triad

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



40D06D



00C0FF



FF8080

Complementary

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



40D06D



D040A3

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.



FF7AC0



40D06D



ACA8FF

Square

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



40D06D



00CFFF



FF8CFE



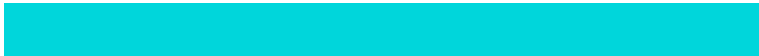
FF9849

Rectangle

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



40D06D



00D6DB



FF8CFE



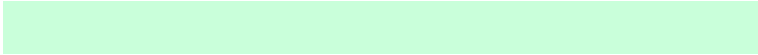
FF7B95

Sweetspot

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



40D06D



C9FFDA



A5D040



60806A



000000



808080

Same Dimension

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



40D06D



2BFF6D



40D0B3



5E6961



00A835



00290D

Inverse Universe

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



D040A3



FF2BBD



D0405D



695E65



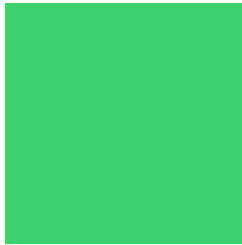
A80074



29001C

Previews

White Background



This preview shows how the Hex color 40D06D 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 40D06D 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 40D06D Background



This preview shows how black text looks on a background with the Hex color 40D06D.

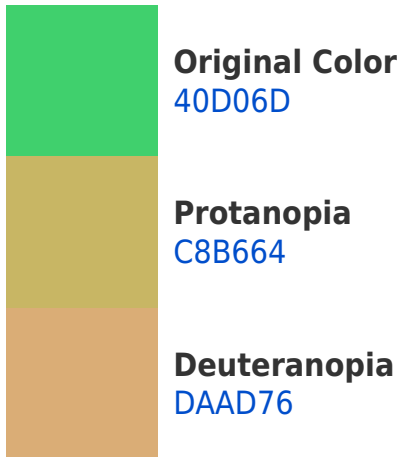


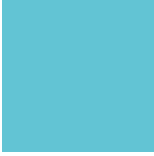
This preview shows how white text looks on a background with the Hex color 40D06D.

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
62C4D4

Trichromacy



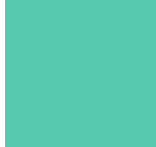
Original Color
40D06D



Protanomaly
97BF67



Deuteranomaly
A2BA73



Tritanomaly
56C8AF

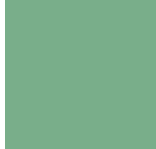
Monochromacy



Original Color
40D06D



Achromatopsia
9A9A9A



Achromatomaly
79AE8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40D06D 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 #40D06D looks like.

```
.text, #text, p{  
    color:#40D06D  
}
```

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 #40D06D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D06D
}
```

Border

The CSS property to change the border of an element to Hex 40D06D 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
#40D06D }
```

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

```
.border{ border-color:#40D06D }
```

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

Here you see how a box with a 4 pixel #40D06D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D06D; -webkit-box-shadow:4px 4px  
4px 4px #40D06D; box-shadow:4px 4px 4px  
4px #40D06D }
```

Background

The CSS property to change the background color of an element to Hex 40D06D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D06D }
```

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

```
.background{ background-color:#40D06D }
```

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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