

Converting Colors

Hex(40D772)

Have a look what the booklet for
Hex(40D772) contains.

Hex(40D772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40D772)

Conversions

Conversions Part 1

Format	Color
Hex	40D772
RGB	64, 215, 114
RGB Percent	25%, 84%, 45%
CMY	0.7490, 0.1569, 0.5529
CMYK	0.70, 0.00, 0.47, 0.16
HSL	140°, 65%, 55%
HSV	140°, 70%, 84%
XYZ	29.4521, 50.9058, 24.1931
YIQ	158.3370, -57.5750, -63.4230

Conversions

Conversions Part 2

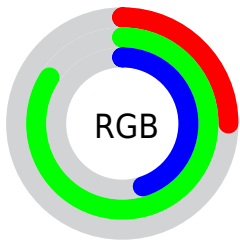
Format	Color
RYB	64, 177, 215
Decimal	4249458
CIELab	76.62, -60.89, 38.56
CIELCh	77, 72.067, 147.655
Yxy	50.9058, 0.2817, 0.4869
Android (android.graphics.Color)	4282439538 (0xFF40D772)
YUV	158.3370, -21.8581, -82.7335
Hunter-Lab	71.3483, -51.1760, 29.8395

Details

The Hex color **40D772** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D740A5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **82FFA7**, and **009F3F** is the 20% darker color. If you saturate the color by 10%, you get **2AD764**, and if you desaturate by 10%, it is **56D780**.

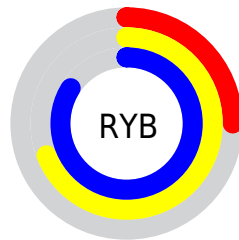
Distribution



Red (25%)

Green (84%)

Blue (45%)



Red (25%)

Yellow (69%)

Blue (84%)

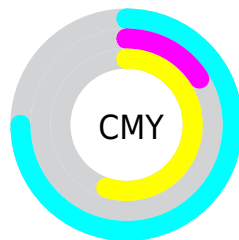


Cyan (70%)

Magenta (0%)

Yellow (47%)

Black (16%)



Cyan (75%)

Magenta (16%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40D772 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 40D772 by changing the saturation by 10% instead.

 40D772

 40D772

FFFFFF

 09BB58

 82FFA7

 009F3F

 A0FFC3

 008427

 BFFFDF

 00690B

 DDFFFC

 005000

 FCFFFF

 003800

 001F00

 000000

 40D772

 40D772

 2AD764

 56D780

 15D755

 6BD78F

 00D747

 81D79D

 96D7AC

 ACD7BA

 C1D7C8

 D7D7D7

 ECD7E5

 FFD7F3

Harmonies

Analogous

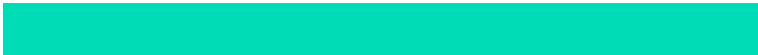
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2CB3B



40D772



00DCB6

Triad

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



40D772



00C6FF



FF8583

Complementary

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



40D772



D740A5

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.



FF7EC5



40D772



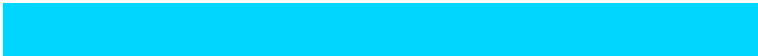
B4AEFF

Square

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



40D772



00D6FF



FF91FF



FF9E4B

Rectangle

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



40D772



00DDE4



FF91FF



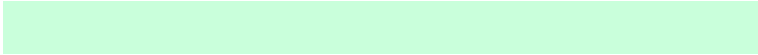
FF8099

Sweetspot

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



40D772



C9FFDB



A7D740



60806A



000000



808080

Same Dimension

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



40D772



29FF70



40D7BB



606B64



00AB39



002B0E

Inverse Universe

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



D740A5



FF29B8



D7405C



6B6068



AB0072



2B001D

Previews

White Background



This preview shows how the Hex color 40D772 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 40D772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

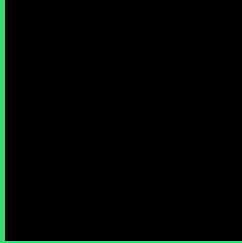
Any Text WCAG AA ✓ Pass

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 40D772 Background



This preview shows how black text looks on a background with the Hex color 40D772.

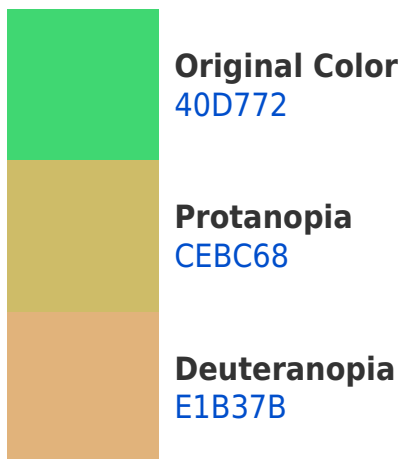


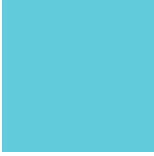
This preview shows how white text looks on a background with the Hex color 40D772.

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
64CBDC

Trichromacy



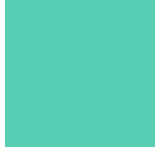
Original Color
40D772



Protanomaly
9AC66C



Deuteranomaly
A6C078



Tritanomaly
57CFB5

Monochromacy



Original Color
40D772



Achromatopsia
9E9E9E



Achromatomaly
7CB38E

CSS Examples

Text

The CSS property to change the color of the text to Hex 40D772 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 #40D772 looks like.

```
.text, #text, p{  
    color:#40D772  
}
```

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 #40D772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D772
}
```

Border

The CSS property to change the border of an element to Hex 40D772 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
#40D772 }
```

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

```
.border{ border-color:#40D772 }
```

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

Here you see how a box with a 4 pixel #40D772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D772; -webkit-box-shadow:4px 4px  
4px 4px #40D772; box-shadow:4px 4px 4px  
4px #40D772 }
```

Background

The CSS property to change the background color of an element to Hex 40D772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D772 }
```

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

```
.background{ background-color:#40D772 }
```

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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