

Converting Colors

Hex(40D4A2)

Have a look what the booklet for
Hex(40D4A2) contains.

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Color

Hex(40D4A2)

Conversions

Conversions Part 1

Format	Color
Hex	40D4A2
RGB	64, 212, 162
RGB Percent	25%, 83%, 64%
CMY	0.7490, 0.1686, 0.3647
CMYK	0.70, 0.00, 0.24, 0.17
HSL	160°, 63%, 54%
HSV	160°, 70%, 83%
XYZ	32.1794, 50.7856, 42.2890
YIQ	162.0480, -72.1580, -46.9260

Conversions

Conversions Part 2

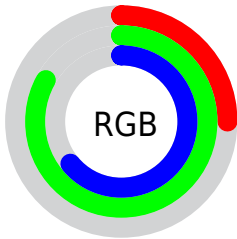
Format	Color
RYB	64, 153, 212
Decimal	4248738
CIELab	76.55, -50.43, 13.65
CIELCh	77, 52.247, 164.860
Yxy	50.7856, 0.2569, 0.4055
Android (android.graphics.Color)	4282438818 (0xFF40D4A2)
YUV	162.0480, -0.0237, -85.9881
Hunter-Lab	71.2640, -44.1099, 14.7014

Details

The Hex color **40D4A2** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D44072**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **82FFD9**, and **009C6E** is the 20% darker color. If you saturate the color by 10%, you get **2BD49B**, and if you desaturate by 10%, it is **55D4A9**.

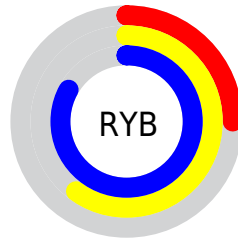
Distribution



Red (25%)

Green (83%)

Blue (64%)



Red (25%)

Yellow (60%)

Blue (83%)

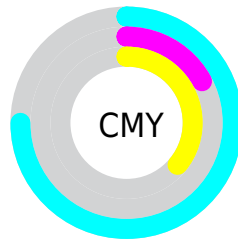


Cyan (70%)

Magenta (0%)

Yellow (24%)

Black (17%)



Cyan (75%)

Magenta (17%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40D4A2 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 40D4A2 by changing the saturation by 10% instead.

 40D4A2

 40D4A2

FFFFFF

 0AB888

 82FFD9

 009C6E

 A0FFF5

 008156

 BEFFFF

 00673E

 DCFFFF

 004E28

 FBFFFF

 003614

 001F00

 000000

 40D4A2

 40D4A2

 2BD49B

 55D4A9

 16D494

 6AD4B0

 00D48D

 80D4B7

 00D48C

 95D4BF

 AAD4C6

 BFD4CD

 D4D4D4

 EAD4DB

 FFD4E2

Harmonies

Analogous

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



8CCD76



40D4A2



00D6D4

Triad

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



40D4A2



99BAFF



FFA07B

Complementary

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



40D4A2



D44072

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.



FF95A7



40D4A2



E0A7FF

Square

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



40D4A2



00C9FF



FF98D7



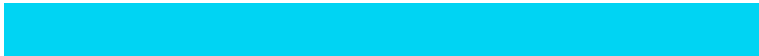
EFB25E

Rectangle

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



40D4A2



00D4F3



FF98D7



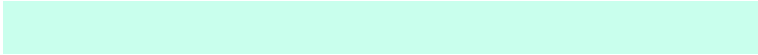
FF9B88

Sweetspot

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



40D4A2



C9FFED



74D440



608075



000000



808080

Same Dimension

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



40D4A2



29FFB7



40BED4



606B67



00AB71



002B1D

Inverse Universe

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



D44072



FF2971



D45640



6B6064



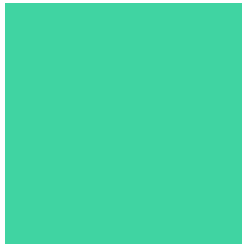
AB003A



2B000F

Previews

White Background



This preview shows how the Hex color 40D4A2 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 40D4A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

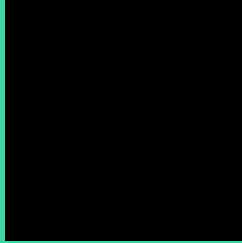
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

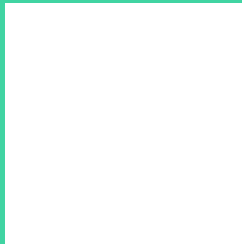
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40D4A2 Background



This preview shows how black text looks on a background with the Hex color 40D4A2.

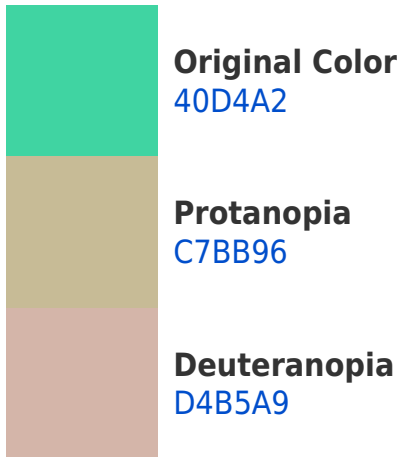


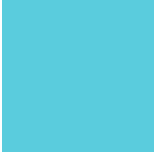
This preview shows how white text looks on a background with the Hex color 40D4A2.

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





Trichromacy



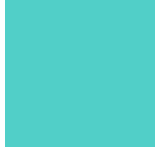
Original Color
40D4A2



Protanomaly
96C49A



Deuteranomaly
9EC0A6

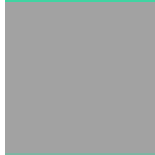


Tritanomaly
51CFC8

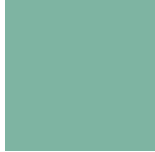
Monochromacy



Original Color
40D4A2



Achromatopsia
A2A2A2



Achromatomaly
7EB4A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 40D4A2 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 #40D4A2 looks like.

```
.text, #text, p{  
    color:#40D4A2  
}
```

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 #40D4A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D4A2
}
```

Border

The CSS property to change the border of an element to Hex 40D4A2 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
#40D4A2 }
```

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

```
.border{ border-color:#40D4A2 }
```

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

Here you see how a box with a 4 pixel #40D4A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D4A2; -webkit-box-shadow:4px 4px  
4px 4px #40D4A2; box-shadow:4px 4px 4px  
4px #40D4A2 }
```

Background

The CSS property to change the background color of an element to Hex 40D4A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D4A2 }
```

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

```
.background{ background-color:#40D4A2 }
```

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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