

Converting Colors

Hex(40B879)

Have a look what the booklet for
Hex(40B879) contains.

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Color

Hex(40B879)

Conversions

Conversions Part 1

Format	Color
Hex	40B879
RGB	64, 184, 121
RGB Percent	25%, 72%, 47%
CMY	0.7490, 0.2784, 0.5255
CMYK	0.65, 0.00, 0.34, 0.28
HSL	148°, 48%, 49%
HSV	148°, 65%, 72%
XYZ	22.7060, 36.7514, 23.9862
YIQ	140.9380, -51.2970, -45.0330

Conversions

Conversions Part 2

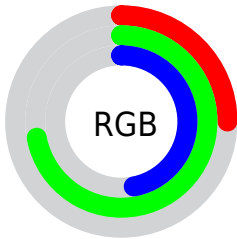
Format	Color
RYB	64, 145, 184
Decimal	4241529
CIELab	67.09, -47.90, 22.47
CIElCh	67, 52.910, 154.871
Yxy	36.7514, 0.2721, 0.4404
Android (android.graphics.Color)	4282431609 (0xFF40B879)
YUV	140.9380, -9.8294, -67.4746
Hunter-Lab	60.6230, -39.2339, 18.9773

Details

The Hex color **40B879** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B8407F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7CF1AE**, and **008248** is the 20% darker color. If you saturate the color by 10%, you get **2EB86F**, and if you desaturate by 10%, it is **52B883**.

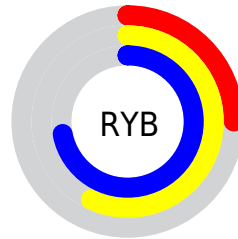
Distribution



Red (25%)

Green (72%)

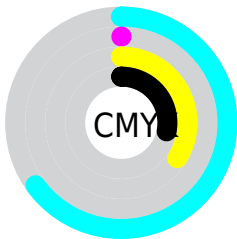
Blue (47%)



Red (25%)

Yellow (57%)

Blue (72%)

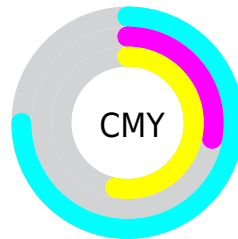


Cyan (65%)

Magenta (0%)

Yellow (34%)

Black (28%)



Cyan (75%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40B879 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 40B879 by changing the saturation by 10% instead.

 40B879

 40B879

FFFFFF

 199D60

 7CF1AE

 008248

 99FFC9

 006831

 B6FFE5

 004F1B

 D4FFFF

 003703

 F2FFFF

 002000

 000000

 40B879

 40B879

 2EB86F

 52B883

 1BB866

 65B88C

 09B85C

 77B896

 00B857

 8AB8A0

 9CB8A9

 AEB8B3

 C1B8BD

 D3B8C6

 E6B8D0

Harmonies

Analogous

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



85B051



40B879



00BBAA

Triad

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



40B879



59A6FF



F7816F

Complementary

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



40B879



B8407F

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.



FB7A9D



40B879



B194F2

Square

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



40B879



00B3F9



E482CD



DF924C

Rectangle

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



40B879



00BBCA



E482CD



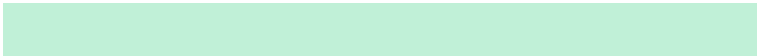
FB7D7E

Sweetspot

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



40B879



C0F0D7



80B840



5B7869



F7F7F7



787878

Same Dimension

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



40B879



35F08E



40B8B4



535C57



009C4A



001C0D

Inverse Universe

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



B8407F



F03597



B84044



5C5357



9C0052



1C000F

Previews

White Background



This preview shows how the Hex color 40B879 looks on a white background.

Color Contrast Check

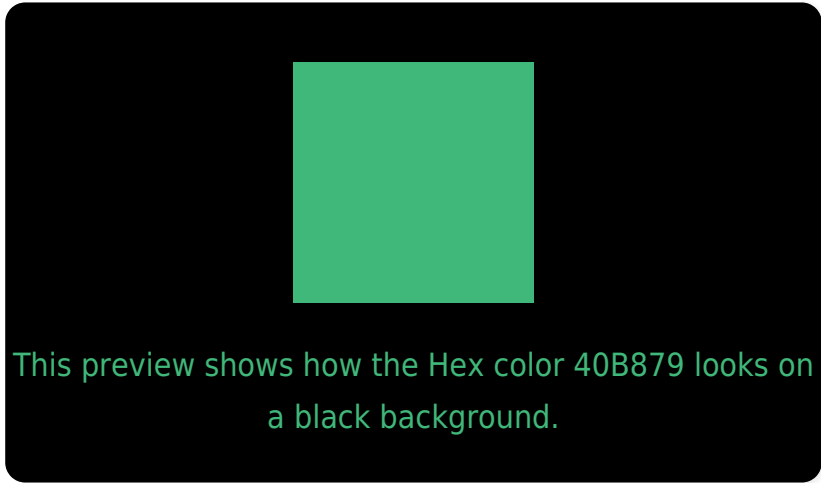
Large Text (above 18pt) WCAG AA × Fail

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

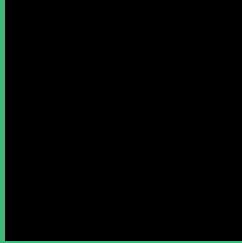
Any Text WCAG AA ✓ Pass

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 40B879 Background



This preview shows how black text looks on a background with the Hex color 40B879.

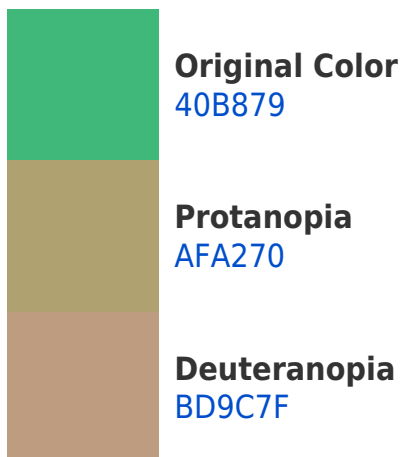


This preview shows how white text looks on a background with the Hex color 40B879.

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](#).

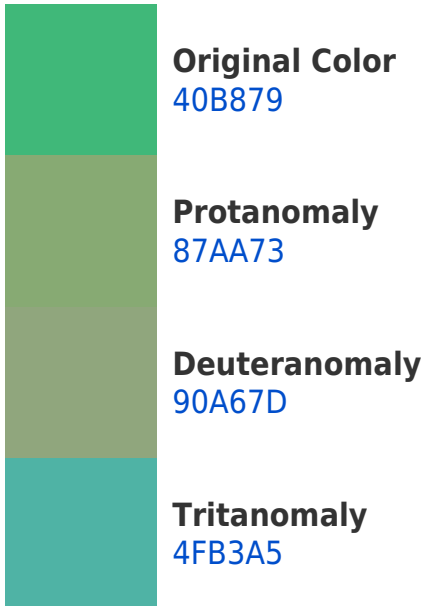
Dichromacy





Tritanopia
58B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40B879 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 #40B879 looks like.

```
.text, #text, p{  
    color:#40B879  
}
```

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 #40B879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40B879
}
```

Border

The CSS property to change the border of an element to Hex 40B879 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
#40B879 }
```

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

```
.border{ border-color:#40B879 }
```

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

Here you see how a box with a 4 pixel #40B879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40B879; -webkit-box-shadow:4px 4px  
4px 4px #40B879; box-shadow:4px 4px 4px  
4px #40B879 }
```

Background

The CSS property to change the background color of an element to Hex 40B879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40B879 }
```

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

```
.background{ background-color:#40B879 }
```

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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