

Converting Colors

Hex(40BFB3)

Have a look what the booklet for
Hex(40BFB3) contains.

Hex(40BFB3)	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(40BFB3)

Conversions

Conversions Part 1

Format	Color
Hex	40BFB3
RGB	64, 191, 179
RGB Percent	25%, 75%, 70%
CMY	0.7490, 0.2510, 0.2980
CMYK	0.66, 0.00, 0.06, 0.25
HSL	174°, 50%, 50%
HSV	174°, 66%, 75%
XYZ	28.8818, 41.6063, 49.1564
YIQ	151.6590, -71.8400, -30.6560

Conversions

Conversions Part 2

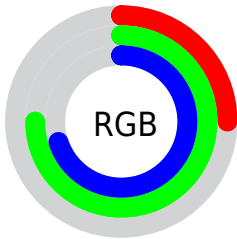
Format	Color
RYB	64, 131, 191
Decimal	4243379
CIELab	70.60, -37.12, -4.12
CIELCh	71, 37.349, 186.333
Yxy	41.6063, 0.2414, 0.3477
Android (android.graphics.Color)	4282433459 (0xFF40BFB3)
YUV	151.6590, 13.4791, -76.8769
Hunter-Lab	64.5029, -32.9549, -0.0317

Details

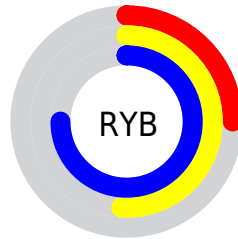
The Hex color **40BFB3** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF404C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7FF8EB**, and **00897E** is the 20% darker color. If you saturate the color by 10%, you get **2DBFB1**, and if you desaturate by 10%, it is **53BFB5**.

Distribution



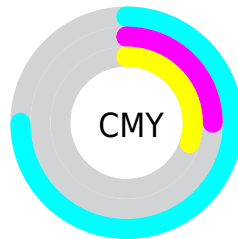
- Red (25%)
- Green (75%)
- Blue (70%)



- Red (25%)
- Yellow (51%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40BFB3 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 40BFB3 by changing the saturation by 10% instead.

 40BFB3

 40BFB3

FFFFFF

 12A498

 7FF8EB

 00897E

 9DFFFF

 006F65

 BBFFFF

 00564E

 D9FFFF

 003E37

 F7FFFF

 002822

 00050C

 000000

 40BFB3

 40BFB3

■ 2DBFB1

■ 53BFB5

■ 1ABFAF

■ 66BFB7

■ 07BFAE

■ 79BFB8

■ 00BFAD

■ 8CBFBA

■ A0BFBC

■ B3BFBE

■ C6BFC0

■ D9BFC1

■ ECBFC3

Harmonies

Analogous

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



6EBD90



40BFB3



20BDD4

Triad

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



40BFB3



BAA1E3



DAA16F

Complementary

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



40BFB3



BF404C

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.



EC9786



40BFB3



DD96C9

Square

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



40BFB3



88AEF0



EE92A7



BCAD68

Rectangle

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



40BFB3



3ABAE4



EE92A7



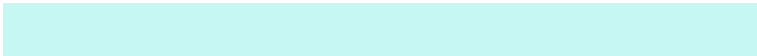
E19D75

Sweetspot

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



40BFB3



C6F7F3



4DBF40



5F7D7A



FCFCFC



7D7D7D

Same Dimension

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



40BFB3



31F7E5



408CBF



555E5D



009E8F



001F1C

Inverse Universe

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



BF404C



F73144



BF7340



5E5556



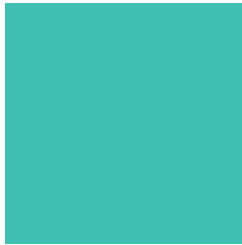
9E000F



1F0003

Previews

White Background



This preview shows how the Hex color 40BFB3 looks on a white background.

Color Contrast Check

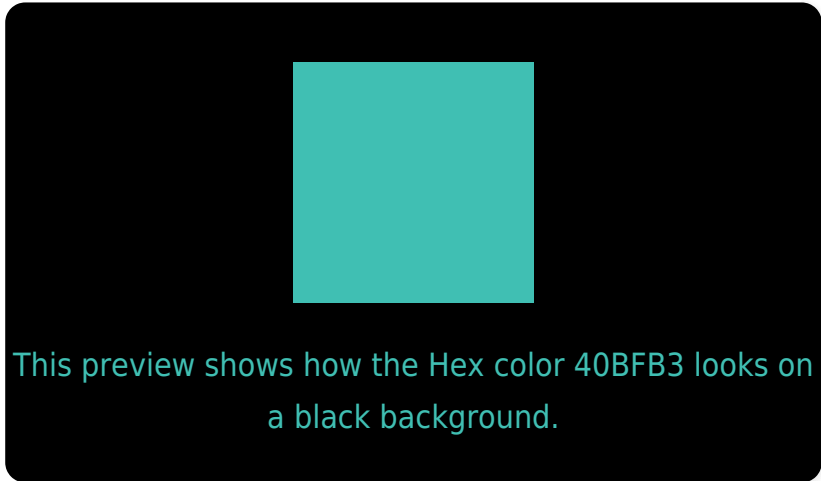
Large Text (above 18pt) WCAG AA × Fail

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

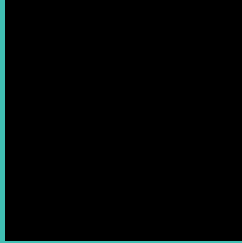
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

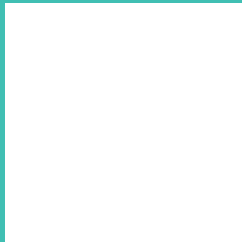
Any Text WCAG AAA ✓ Pass

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

Hex 40BFB3 Background



This preview shows how black text looks on a background with the Hex color 40BFB3.

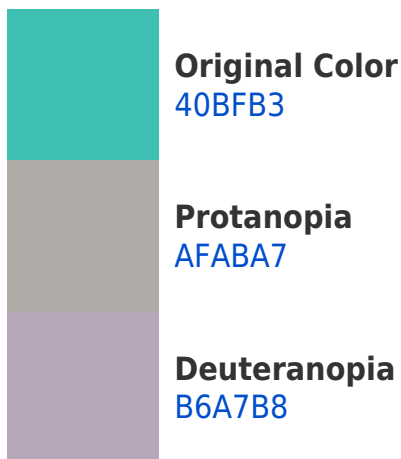


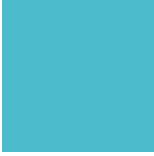
This preview shows how white text looks on a background with the Hex color 40BFB3.

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](#).

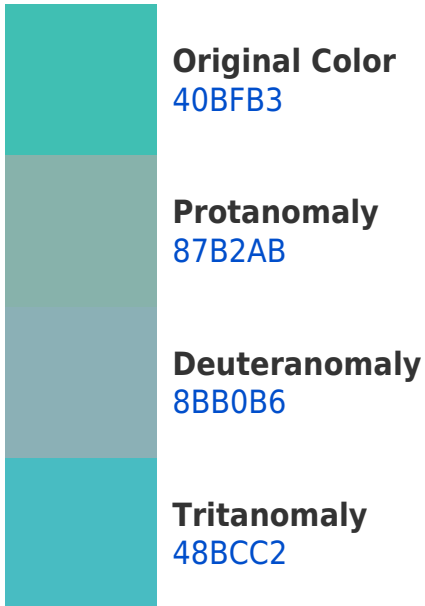
Dichromacy



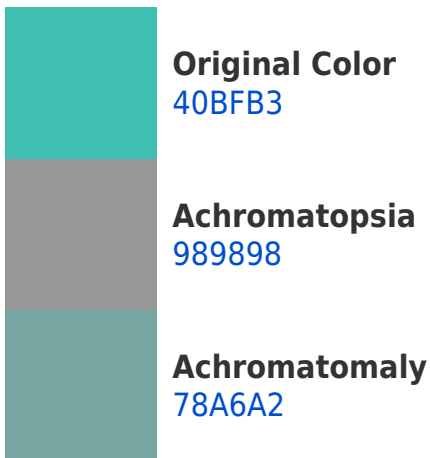


Tritanopia
4CBBCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40BFB3 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 #40BFB3 looks like.

```
.text, #text, p{  
    color:#40BFB3  
}
```

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 #40BFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40BFB3
}
```

Border

The CSS property to change the border of an element to Hex 40BFB3 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
#40BFB3 }
```

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

```
.border{ border-color:#40BFB3 }
```

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

Here you see how a box with a 4 pixel #40BFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40BFB3; -webkit-box-shadow:4px 4px  
4px 4px #40BFB3; box-shadow:4px 4px 4px  
4px #40BFB3 }
```

Background

The CSS property to change the background color of an element to Hex 40BFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40BFB3 }
```

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

```
.background{ background-color:#40BFB3 }
```

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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