Converting Colors

Hex(40B8A4)

Have a look what the booklet for Hex(40B8A4) contains.

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Color

Hex(40B8A4)

Conversions

Conversions Part 1

Format	Color
Hex	40B8A4
RGB	64, 184, 164
RGB Percent	25%, 72%, 64%
CMY	0.7490, 0.2784, 0.3569
CMYK	0.65, 0.00, 0.11, 0.28
HSL	170°, 48%, 49%
HSV	170°, 65%, 72%
XYZ	25.9557, 38.0513, 41.0986
YIQ	145.8400, -65.1000, -31.6600

Conversions

Conversions Part 2

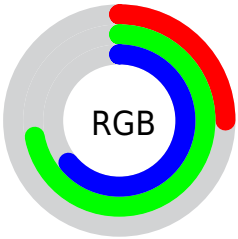
Format	Color
RYB	64, 129, 184
Decimal	4241572
CIELab	68.06, -37.93, 0.39
CIELCh	68, 37.932, 179.412
Yxy	38.0513, 0.2469, 0.3620
Android (android.graphics.Color)	4282431652 (0xFF40B8A4)
YUV	145.8400, 8.9529, -71.7737
Hunter-Lab	61.6857, -32.8421, 3.6776

Details

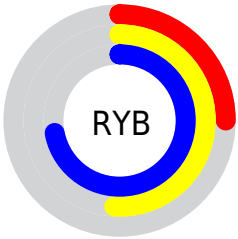
The Hex color 40B8A4 is a dark color, and the websafe version is hex 33CCCC. A complement of this color would be B84054, and the grayscale version is 929292.

A 20% lighter version of the original color is 7DF1DB, and 008270 is the 20% darker color. If you saturate the color by 10%, you get 2EB8A1, and if you desaturate by 10%, it is 52B8A7.

Distribution

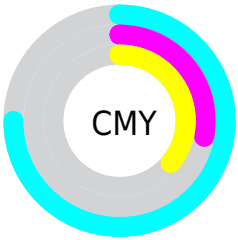


- Red (25%)
- Green (72%)
- Blue (64%)



- Red (25%)
- Yellow (51%)
- Blue (72%)

- Cyan (65%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)



- Cyan (75%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40B8A4 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 40B8A4 by changing the saturation by 10% instead.

40B8A4

FFFFFF

7DF1DB

9BFFF7

B8FFFF

D6FFFF

F4FFFF

40B8A4

179D8A

008270

006858

005041

00382B

002316

000000

40B8A4

2EB8A1

40B8A4

52B8A7

1BB89E

09B89B

00B899

65B8AA

77B8AD

8AB8B0

9CB8B3

AEB8B6

C1B8B9

D3B8BD

E6B8C0

Harmonies

Analogous

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

70B582

40B8A4

00B7C6

Triad

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

40B8A4

A99DE2

D8986C

Complementary

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

40B8A4

B84054

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.

E78E86

40B8A4

D091C9

Square

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

40B8A4

72A9EA

E58BA8

BDA461

Rectangle

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

40B8A4

15B5D9

E58BA8

DF9473

Sweetspot

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

40B8A4

C0F0E8

54B840

5B7873

F7F7F7

787878

Same Dimension

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

40B8A4

35F0D1

4090B8

535C5A

009C82

001C17

Inverse Universe

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

B84054

F03554

B86840

5C5354

9C001A

1C0005

Previews

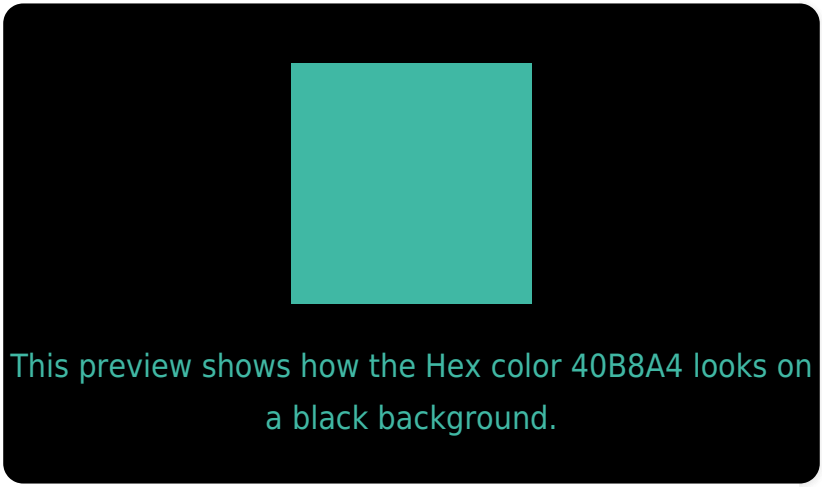
White Background

This preview shows how the Hex color 40B8A4 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 40B8A4 Background

This preview shows how black text looks on a background with the Hex color 40B8A4.

This preview shows how white text looks on a background with the Hex color 40B8A4.

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

Original Color
40B8A4

Protanopia
AAA499

Deuteranopia
B2A0A9

Tritanopia
4DB4C2

Trichromacy

Original Color
40B8A4

Protanomaly
83AB9D

Deuteranomaly
89A9A7

Tritanomaly
48B5B7

Monochromacy

Original Color
40B8A4

Achromatopsia
929292

Achromatomaly
74A099

CSS Examples

Text

The CSS property to change the color of the text to Hex 40B8A4 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 #40B8A4 looks like.

```
.text, #text, p{
    color:#40B8A4
}
```

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 #40B8A4 colored shadow looks like.

Here you see how black text with a 4 pixel #40B8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40B8A4
}
```

Border

The CSS property to change the border of an element to Hex 40B8A4 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
#40B8A4 }
```

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

```
.border{ border-color:#40B8A4 }
```

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

Here you see how a box with a 4 pixel #40B8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #40B8A4; -webkit-box-shadow:4px 4px 4px 4px #40B8A4; box-shadow:4px 4px 4px 4px #40B8A4 }
```

Background

The CSS property to change the background color of an element to Hex 40B8A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#40B8A4 }
```

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

```
.background{ background-color:#40B8A4 }
```

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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