

Converting Colors

Hex(40BAC7)

Have a look what the booklet for
Hex(40BAC7) contains.

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Color

Hex(40BAC7)

Conversions

Conversions Part 1

Format	Color
Hex	40BAC7
RGB	64, 186, 199
RGB Percent	25%, 73%, 78%
CMY	0.7490, 0.2706, 0.2196
CMYK	0.68, 0.07, 0.00, 0.22
HSL	186°, 55%, 52%
HSV	186°, 68%, 78%
XYZ	29.9821, 40.3313, 60.2373
YIQ	151.0040, -76.8850, -21.8210

Conversions

Conversions Part 2

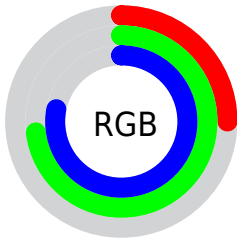
Format	Color
RYB	64, 128, 199
Decimal	4242119
CIELab	69.70, -29.05, -16.42
CIELCh	70, 33.371, 209.470
Yxy	40.3313, 0.2297, 0.3089
Android (android.graphics.Color)	4282432199 (0xFF40BAC7)
YUV	151.0040, 23.6620, -76.3025
Hunter-Lab	63.5069, -26.8661, -11.7826

Details

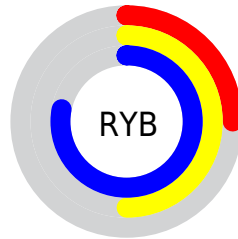
The Hex color **40BAC7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C74D40**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **80F2FF**, and **008491** is the 20% darker color. If you saturate the color by 10%, you get **2CB8C7**, and if you desaturate by 10%, it is **54BCC7**.

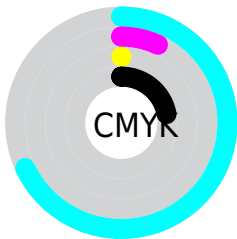
Distribution



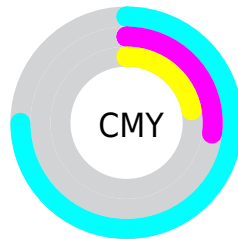
- Red (25%)
- Green (73%)
- Blue (78%)



- Red (25%)
- Yellow (50%)
- Blue (78%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (75%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40BAC7 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 40BAC7 by changing the saturation by 10% instead.

 40BAC7

 40BAC7

FFFFFF

 0F9FAC

 80F2FF

 008491

 9FFFFFF

 006B77

 BFFFFFF

 00525F

 DBFFFF

 003B47

 F9FFFF

 002531

 00021C

 000000

 40BAC7

 40BAC7

■ 2CB8C7

■ 54BCC7

■ 18B6C7

■ 68BEC7

■ 04B4C7

■ 7CC0C7

■ 00B4C7

■ 90C2C7

■ A4C4C7

■ B7C5C7

■ CBC7C7

■ DFC9C7

■ F3CBC7

Harmonies

Analogous

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



58BBA9



40BAC7



53B6DE

Triad

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



40BAC7



D099CA



BFA86E

Complementary

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



40BAC7



C74D40

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.



D89E77



40BAC7



E393AC

Square

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



40BAC7



ADA3DF



E5968E



A0B175

Rectangle

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



40BAC7



70B0E5



E5968E



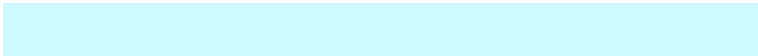
C9A56F

Sweetspot

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



40BAC7



CCFAFF



40C74B



617D80



000000



808080

Same Dimension

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



40BAC7



30EBFF



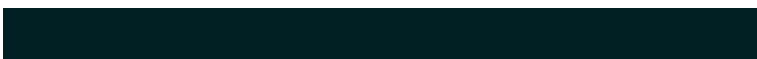
4078C7



5A6263



0093A3



002024

Inverse Universe

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



C740BA



FF30EB



C78F40



635A62



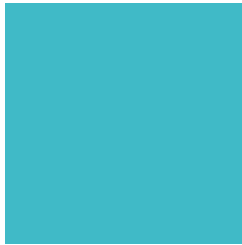
A30093



240020

Previews

White Background



This preview shows how the Hex color 40BAC7 looks on a white background.

Color Contrast Check

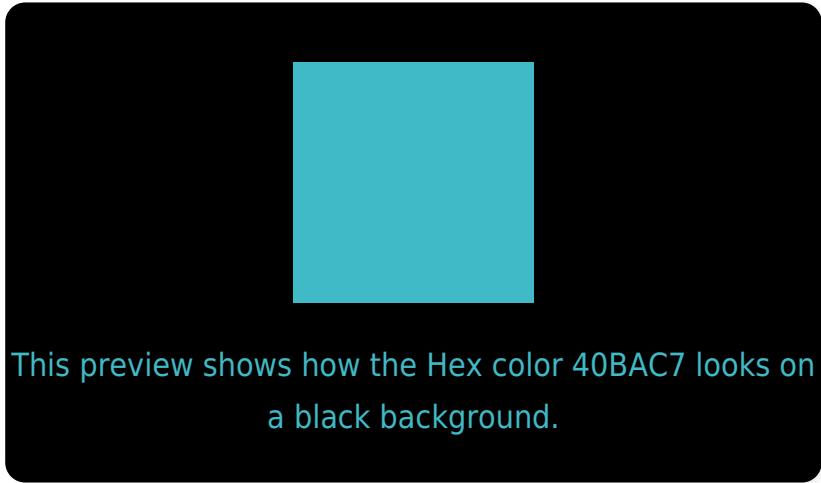
Large Text (above 18pt) WCAG AA × Fail

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

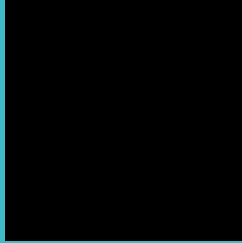
Any Text WCAG AA ✓ Pass

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 40BAC7 Background



This preview shows how black text looks on a background with the Hex color 40BAC7.

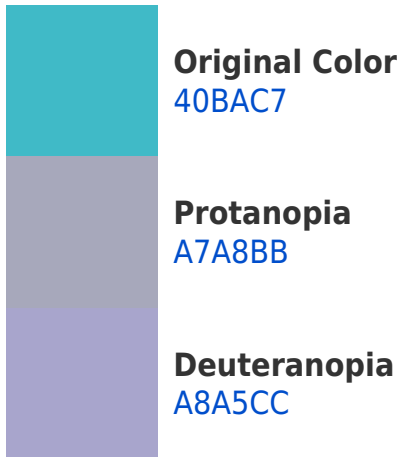


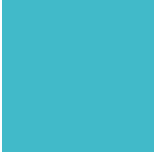
This preview shows how white text looks on a background with the Hex color 40BAC7.

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](#).

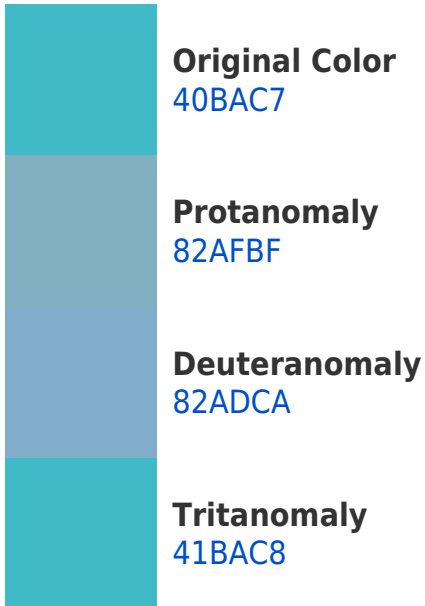
Dichromacy



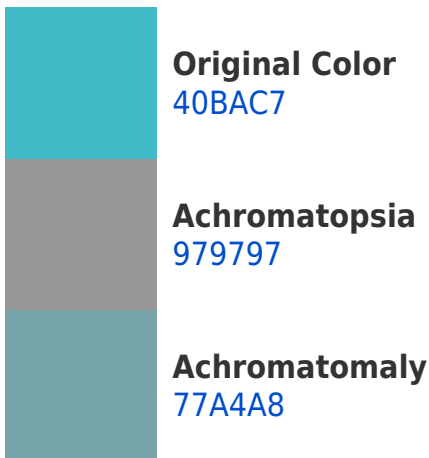


Tritanopia
41BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40BAC7 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 #40BAC7 looks like.

```
.text, #text, p{  
    color:#40BAC7  
}
```

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 #40BAC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40BAC7
}
```

Border

The CSS property to change the border of an element to Hex 40BAC7 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
#40BAC7 }
```

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

```
.border{ border-color:#40BAC7 }
```

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

Here you see how a box with a 4 pixel #40BAC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40BAC7; -webkit-box-shadow:4px 4px  
4px 4px #40BAC7; box-shadow:4px 4px 4px  
4px #40BAC7 }
```

Background

The CSS property to change the background color of an element to Hex 40BAC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40BAC7 }
```

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

```
.background{ background-color:#40BAC7 }
```

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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