

Converting Colors

Hex(40B6C6)

Have a look what the booklet for
Hex(40B6C6) contains.

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Color

Hex(40B6C6)

Conversions

Conversions Part 1

Format	Color
Hex	40B6C6
RGB	64, 182, 198
RGB Percent	25%, 71%, 78%
CMY	0.7490, 0.2863, 0.2235
CMYK	0.68, 0.08, 0.00, 0.22
HSL	187°, 54%, 51%
HSV	187°, 68%, 78%
XYZ	29.0353, 38.6231, 59.3508
YIQ	148.5420, -75.4640, -20.0400

Conversions

Conversions Part 2

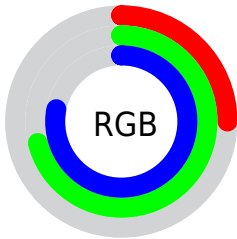
Format	Color
R _{YB}	64, 127, 198
Decimal	4241094
CIE Lab	68.48, -27.38, -17.72
CIE LCh	68, 32.619, 212.914
Yxy	38.6231, 0.2286, 0.3041
Android (android.graphics.Color)	4282431174 (0xFF40B6C6)
YUV	148.5420, 24.3828, -74.1433
Hunter-Lab	62.1475, -25.3628, -13.1186

Details

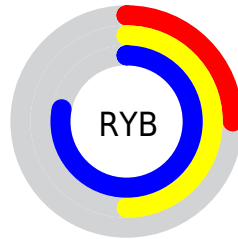
The Hex color **40B6C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C65040**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **80EEFF**, and **008190** is the 20% darker color. If you saturate the color by 10%, you get **2CB4C6**, and if you desaturate by 10%, it is **54B8C6**.

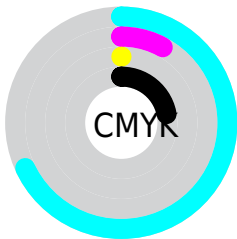
Distribution



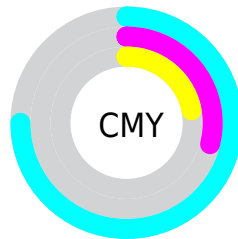
- Red (25%)
- Green (71%)
- Blue (78%)



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



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (75%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40B6C6 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 40B6C6 by changing the saturation by 10% instead.

 40B6C6

 40B6C6

FFFFFF

 109BAB

 80EEFF

 008190

 9EFFFF

 006777

 BCFFFF

 004F5E

 DAFFFF

 003746

 F8FFFF

 002330

 00011B

 000000

 40B6C6

 40B6C6

 2CB4C6

 54B8C6

 18B1C6

 68BBC6

 05AFC6

 7BBDC6

 00AEC6

 8FBFC6

 A3C2C6

 B7C4C6

 CBC7C6

 DEC9C6

 F2CBC6

Harmonies

Analogous

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



53B7A9



40B6C6



57B1DB

Triad

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



40B6C6



CF95C2



B8A66C

Complementary

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



40B6C6



C65040

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.



D19C73



40B6C6



E091A5

Square

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



40B6C6



AF9ED8



E09488



99AF75

Rectangle

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



40B6C6



74ACE1



E09488



C2A36D

Sweetspot

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



40B6C6



CCF9FF



40C650



617C80



000000



808080

Same Dimension

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



40B6C6



30E6FF



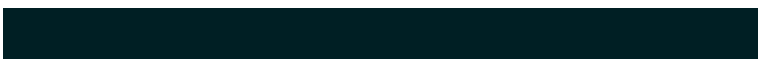
4073C6



5A6263



0090A3



001F24

Inverse Universe

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



C640B6



FF30E6



C69340



635A62



A30090



24001F

Previews

White Background



This preview shows how the Hex color 40B6C6 looks on a white background.

Color Contrast Check

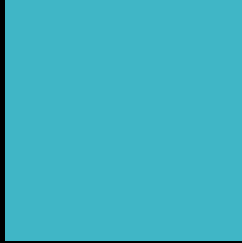
Large Text (above 18pt) WCAG AA × Fail

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 40B6C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

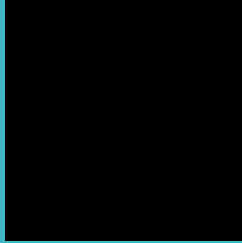
Any Text WCAG AA ✓ Pass

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 40B6C6 Background



This preview shows how black text looks on a background with the Hex color 40B6C6.

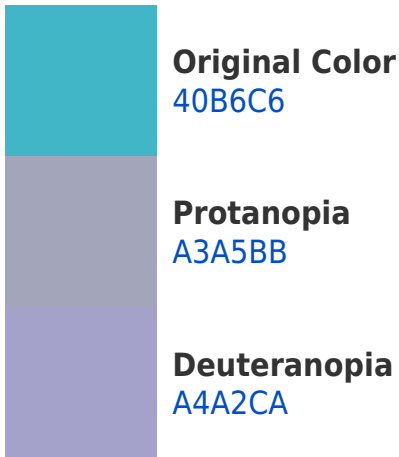


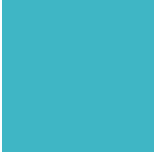
This preview shows how white text looks on a background with the Hex color 40B6C6.

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
3FB6C5

Trichromacy



Original Color
40B6C6



Protanomaly
7FABBF



Deuteranomaly
80A9C9



Tritanomaly
3FB6C5

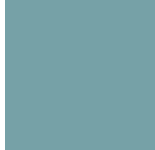
Monochromacy



Original Color
40B6C6



Achromatopsia
959595



Achromatomaly
76A1A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 40B6C6 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 #40B6C6 looks like.

```
.text, #text, p{  
    color:#40B6C6  
}
```

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 #40B6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40B6C6  
}
```

Border

The CSS property to change the border of an element to Hex 40B6C6 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  
#40B6C6 }
```

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

```
.border{ border-color:#40B6C6 }
```

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

Here you see how a box with a 4 pixel #40B6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40B6C6; -webkit-box-shadow:4px 4px  
4px 4px #40B6C6; box-shadow:4px 4px 4px  
4px #40B6C6 }
```

Background

The CSS property to change the background color of an element to Hex 40B6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40B6C6 }
```

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

```
.background{ background-color:#40B6C6 }
```

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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