

Converting Colors

Hex(40B8DC)

Have a look what the booklet for
Hex(40B8DC) contains.

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Color

Hex(40B8DC)

Conversions

Conversions Part 1

Format	Color
Hex	40B8DC
RGB	64, 184, 220
RGB Percent	25%, 72%, 86%
CMY	0.7490, 0.2784, 0.1373
CMYK	0.71, 0.16, 0.00, 0.14
HSL	194°, 69%, 56%
HSV	194°, 71%, 86%
XYZ	32.1731, 40.5383, 73.8391
YIQ	152.2240, -83.0760, -14.2440

Conversions

Conversions Part 2

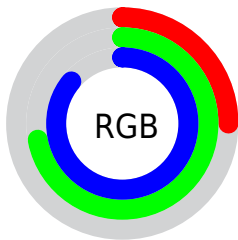
Format	Color
RYB	64, 132, 220
Decimal	4241628
CIELab	69.85, -21.59, -27.69
CIELCh	70, 35.114, 232.065
Yxy	40.5383, 0.2195, 0.2766
Android (android.graphics.Color)	4282431708 (0xFF40B8DC)
YUV	152.2240, 33.4136, -77.3724
Hunter-Lab	63.6697, -21.2236, -24.1911

Details

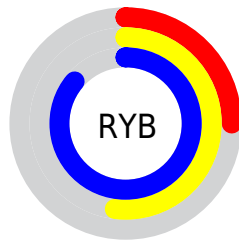
The Hex color **40B8DC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DC6440**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **83F0FF**, and **0083A5** is the 20% darker color. If you saturate the color by 10%, you get **2AB3DC**, and if you desaturate by 10%, it is **56BDDC**.

Distribution



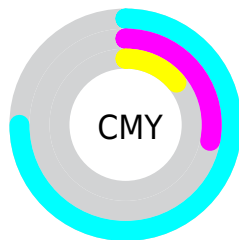
- Red (25%)
- Green (72%)
- Blue (86%)



- Red (25%)
- Yellow (52%)
- Blue (86%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (75%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40B8DC 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 40B8DC by changing the saturation by 10% instead.

 40B8DC

 40B8DC

FFFFFF

 069DC0

 83F0FF

 0083A5

 A1FFFF

 00698A

 C0FFFF

 005171

 DEFFFF

 003A58

 FDFFFF

 002441

 00032B

 000115

 000000

■ 40B8DC

■ 40B8DC

■ 2AB3DC

■ 56BDDC

■ 14AEDC

■ 6CC2DC

■ 00A9DC

■ 82C7DC

■ 98CCDC

■ AED1DC

■ C4D6DC

■ DADCDC

■ F0E1DC

■ FFE6DC

Harmonies

Analogous

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



38BCC1



40B8DC



70B0E9

Triad

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



40B8DC



E393B5



A8B06F

Complementary

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



40B8DC



DC6440

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.



C8A66C



40B8DC



E99394

Square

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



40B8DC



CB9AD2



DF9B7A



83B782

Rectangle

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



40B8DC



93A9E9



DF9B7A



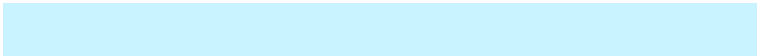
B3AD6C

Sweetspot

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



40B8DC



C9F3FF



40DC62



607880



000000



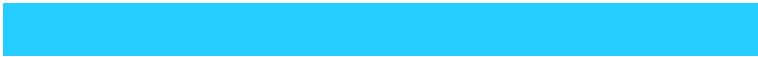
808080

Same Dimension

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



40B8DC



26CDFF



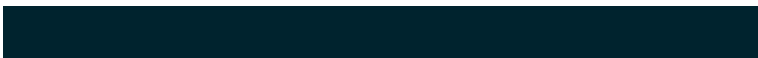
406CDC



636B6E



0085AD



00232E

Inverse Universe

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



DC40B8



FF26CD



DCB040



6E636B



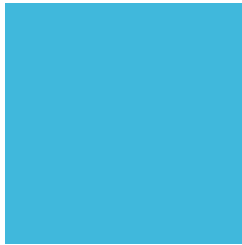
AD0085



2E0023

Previews

White Background



This preview shows how the Hex color 40B8DC looks on a white background.

Color Contrast Check

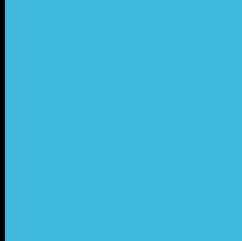
Large Text (above 18pt) WCAG AA × Fail

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 40B8DC 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 40B8DC Background



This preview shows how black text looks on a background with the Hex color 40B8DC.

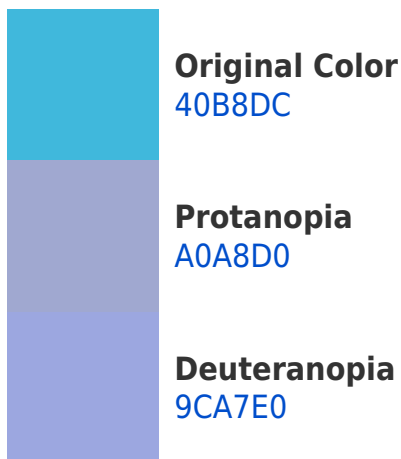


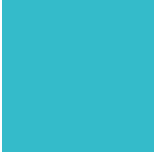
This preview shows how white text looks on a background with the Hex color 40B8DC.

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](#).

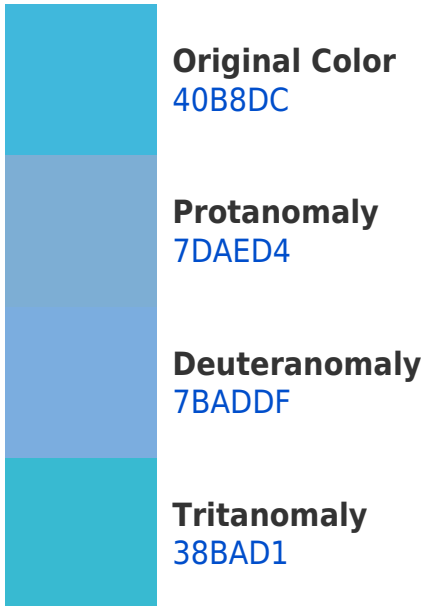
Dichromacy





Tritanopia
34BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40B8DC 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 #40B8DC looks like.

```
.text, #text, p{  
    color:#40B8DC  
}
```

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 #40B8DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40B8DC
}
```

Border

The CSS property to change the border of an element to Hex 40B8DC 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
#40B8DC }
```

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

```
.border{ border-color:#40B8DC }
```

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

Here you see how a box with a 4 pixel #40B8DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40B8DC; -webkit-box-shadow:4px 4px  
4px 4px #40B8DC; box-shadow:4px 4px 4px  
4px #40B8DC }
```

Background

The CSS property to change the background color of an element to Hex 40B8DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40B8DC }
```

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

```
.background{ background-color:#40B8DC }
```

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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