

# Converting Colors

Hex(40B5C8)

Have a look what the booklet for  
Hex(40B5C8) contains.

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# Color

Hex(40B5C8)

# Conversions

## Conversions Part 1

Format	Color
Hex	40B5C8
RGB	64, 181, 200
RGB Percent	25%, 71%, 78%
CMY	0.7490, 0.2902, 0.2157
CMYK	0.68, 0.09, 0.00, 0.22
HSL	188°, 55%, 52%
HSV	188°, 68%, 78%
XYZ	29.0636, 38.3079, 60.5059
YIQ	148.1830, -75.8310, -18.8950

# Conversions

## Conversions Part 2

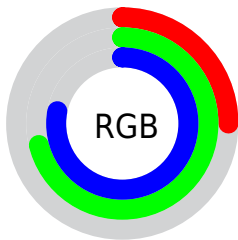
Format	Color
R <sub>YB</sub>	64, 127, 200
Decimal	4240840
CIE Lab	68.25, -26.28, -19.17
CIE LCh	68, 32.532, 216.115
Yxy	38.3079, 0.2273, 0.2996
Android (android.graphics.Color)	4282430920 (0xFF40B5C8)
YUV	148.1830, 25.5458, -73.8285
Hunter-Lab	61.8933, -24.4943, -14.6356

# Details

The Hex color **40B5C8** 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 **C85340**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **80EDFF**, and **008092** is the 20% darker color. If you saturate the color by 10%, you get **2CB2C8**, and if you desaturate by 10%, it is **54B8C8**.

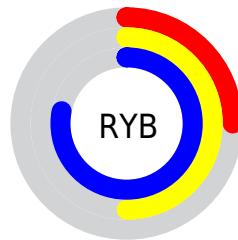
# Distribution



Red (25%)

Green (71%)

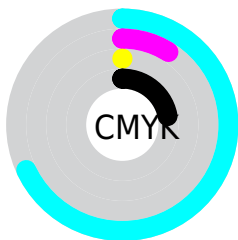
Blue (78%)



Red (25%)

Yellow (50%)

Blue (78%)

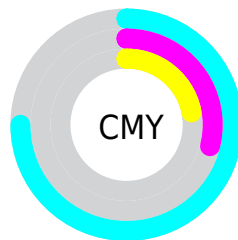


Cyan (68%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (29%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40B5C8 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 40B5C8 by changing the saturation by 10% instead.



 40B5C8

 40B5C8

FFFFFF

 109AAD

 80EDFF

 008092

 9EFFFF

 006678

 BCFFFF

 004E60

 DAFFFF

 003748

 F8FFFF

 002231

 00021D

 000000

 40B5C8

 40B5C8

■ 2CB2C8

■ 54B8C8

■ 18AFC8

■ 68BBC8

■ 04ADC8

■ 7CBDC8

■ 00ACC8

■ 90C0C8

■ A4C3C8

■ B8C6C8

■ CCC9C8

■ E0CBC8

■ F4CEC8

# Harmonies

## Analogous

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



50B6AC



40B5C8



5BB0DB

# Triad

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



40B5C8



D194BF



B5A76C

# Complementary

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



40B5C8



C85340

# 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.



CE9C71



40B5C8



E090A1

# Square

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



40B5C8



B29DD6



DE9485



95AF76

# Rectangle

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



40B5C8



78AAE0



DE9485



BEA36C

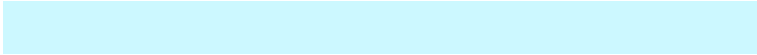


# Sweetspot

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



40B5C8



CCF8FF



40C852



617B80



000000



808080

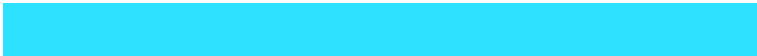


# Same Dimension

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



40B5C8



2EE2FF



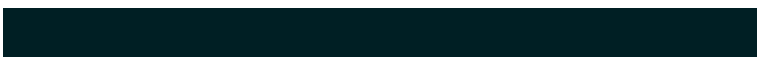
4072C8



5A6263



008CA3



001F24



# Inverse Universe

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



C840B5



FF2EE2



C89640



635A62



A3008C

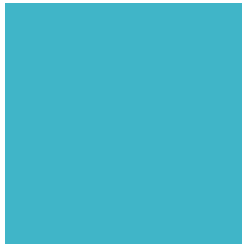


24001F



# Previews

## White Background



This preview shows how the Hex color 40B5C8 looks on a white background.

## Color Contrast Check

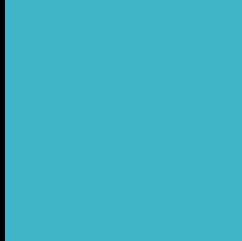
Large Text (above 18pt) WCAG AA × Fail

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 40B5C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

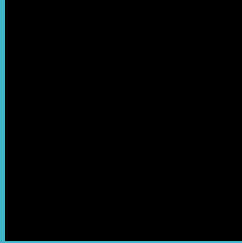
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 40B5C8 Background



This preview shows how black text looks on a background with the Hex color 40B5C8.

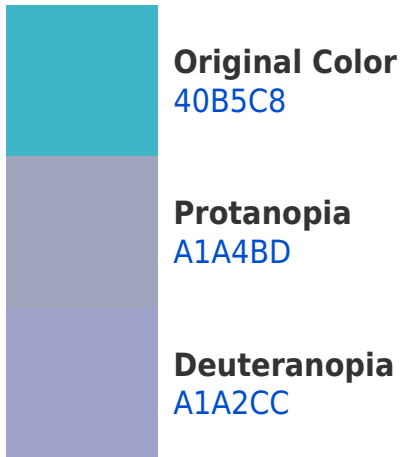


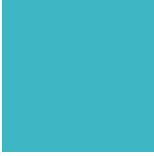
This preview shows how white text looks on a background with the Hex color 40B5C8.

# 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](#).

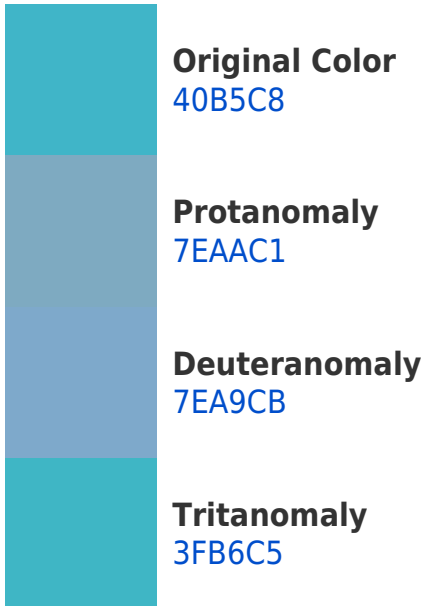
## Dichromacy





**Tritanopia**  
3EB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40B5C8 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 #40B5C8 looks like.

```
.text, #text, p{  
    color:#40B5C8  
}
```

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 #40B5C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40B5C8  
}
```

## Border

The CSS property to change the border of an element to Hex 40B5C8 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  
#40B5C8 }
```

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

```
.border{ border-color:#40B5C8 }
```

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

Here you see how a box with a 4 pixel #40B5C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40B5C8; -webkit-box-shadow:4px 4px  
4px 4px #40B5C8; box-shadow:4px 4px 4px  
4px #40B5C8 }
```

# Background

The CSS property to change the background color of an element to Hex 40B5C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40B5C8 }
```

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

```
.background{ background-color:#40B5C8 }
```

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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