

# Converting Colors

Hex(40BBCA)

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

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# **Color**

**Hex(40BBCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40BBCA
RGB	64, 187, 202
RGB Percent	25%, 73%, 79%
CMY	0.7490, 0.2667, 0.2078
CMYK	0.68, 0.07, 0.00, 0.21
HSL	187°, 57%, 52%
HSV	187°, 68%, 79%
XYZ	30.5453, 40.8949, 62.1607
YIQ	151.9330, -78.1230, -21.4110

# Conversions

## Conversions Part 2

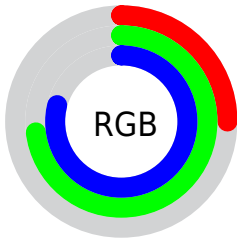
Format	Color
<b>RYB</b>	64, 129, 202
Decimal	4242378
CIELab	70.10, -28.65, -17.46
CIELCh	70, 33.550, 211.364
Yxy	40.8949, 0.2286, 0.3061
Android (android.graphics.Color)	4282432458 (0xFF40BBCA)
YUV	151.9330, 24.6830, -77.1172
Hunter-Lab	63.9491, -26.6503, -12.8675

# Details

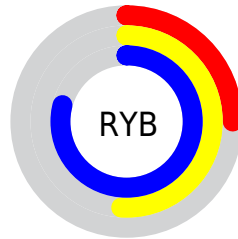
The Hex color **40BBCA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CA4F40**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **81F4FF**, and **008594** is the 20% darker color. If you saturate the color by 10%, you get **2CB9CA**, and if you desaturate by 10%, it is **54BDCA**.

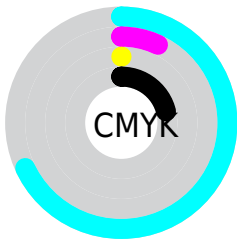
# Distribution



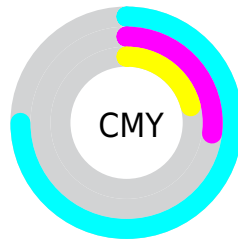
- Red (25%)
- Green (73%)
- Blue (79%)



- Red (25%)
- Yellow (51%)
- Blue (79%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (75%)
- Magenta (27%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 40BBCA

 40BBCA

FFFFFF

 0DA0AF

 81F4FF

 008594

 9FFFFFF

 006C7A

 BDFFFF

 005361

 DBFFFF

 003B4A

 FAFFFF

 002633

 00021E

 000001

 000000

■ 40BBCA

■ 40BBCA

■ 2CB9CA

■ 54BDCA

■ 18B7CA

■ 68BFCA

■ 03B4CA

■ 7DC2CA

■ 00B4CA

■ 91C4CA

■ A5C6CA

■ B9C8CA

■ CDCACA

■ E2CDCA

■ F6CFCA

# Harmonies

## Analogous

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



56BCAC



40BBCA



56B6E0

# Triad

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



40BBCA



D399C9



BFAA6E

# Complementary

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



40BBCA



CA4F40

# 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.



D89F77



40BBCA



E594AB

# Square

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



40BBCA



B1A3DF



E6978D



9FB376

# Rectangle

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



40BBCA



74B1E7



E6978D



C8A66F



# Sweetspot

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



40BBCA



CCF9FF



40CA4E



617C80



000000



808080

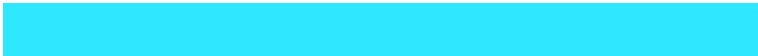


# Same Dimension

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



40BBCA



2EE8FF



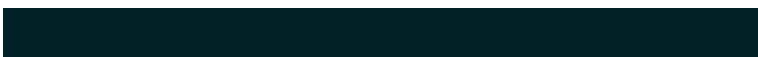
4077CA



5C6566



0094A6



002226



# Inverse Universe

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



CA40BB



FF2EE8



CA9340



665C65



A60094

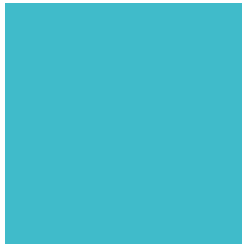


260022



# Previews

## White Background



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



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

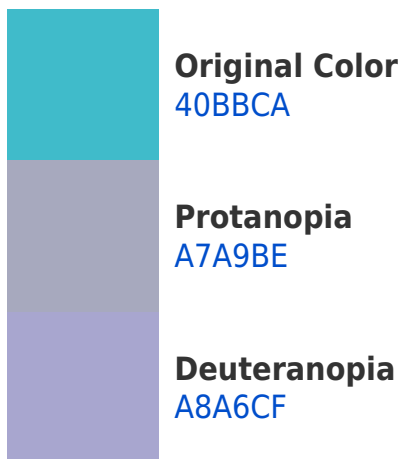


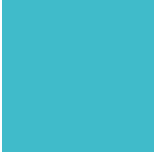
This preview shows how white text looks on a background with the Hex color 40BBCA.

# 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](#).

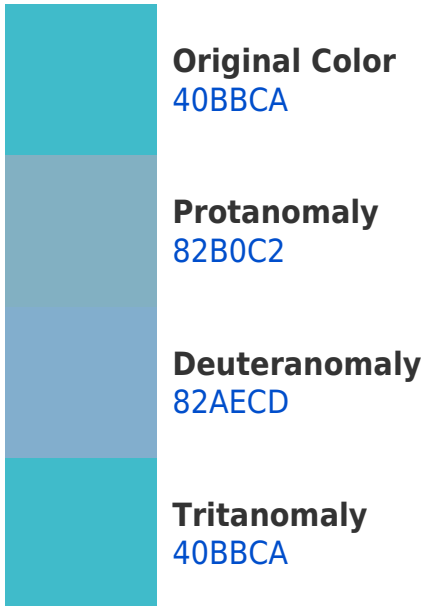
## Dichromacy



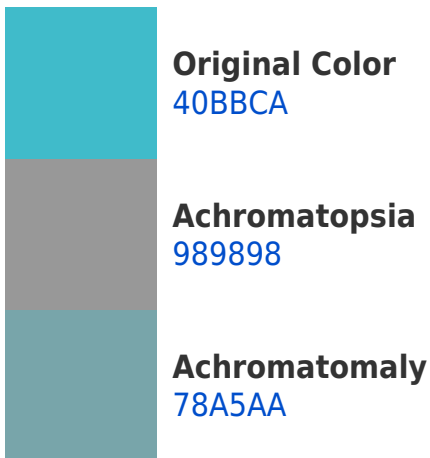


**Tritanopia**  
40BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #40BBCA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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