

Converting Colors

Hex(40C4D0)

Have a look what the booklet for
Hex(40C4D0) contains.

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Color

Hex(40C4D0)

Conversions

Conversions Part 1

Format	Color
Hex	40C4D0
RGB	64, 196, 208
RGB Percent	25%, 77%, 82%
CMY	0.7490, 0.2314, 0.1843
CMYK	0.69, 0.06, 0.00, 0.18
HSL	185°, 61%, 53%
HSV	185°, 69%, 82%
XYZ	33.2394, 45.1239, 66.6324
YIQ	157.9000, -82.5240, -24.2520

Conversions

Conversions Part 2

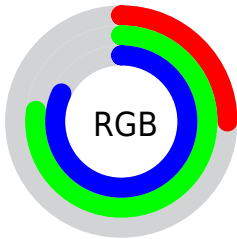
Format	Color
RYB	64, 133, 208
Decimal	4244688
CIELab	72.97, -31.24, -16.40
CIELCh	73, 35.279, 207.698
Yxy	45.1239, 0.2292, 0.3112
Android (android.graphics.Color)	4282434768 (0xFF40C4D0)
YUV	157.9000, 24.6993, -82.3503
Hunter-Lab	67.1743, -29.2291, -11.7896

Details

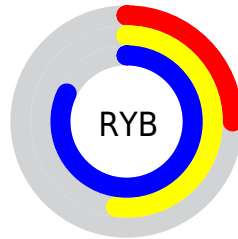
The Hex color **40C4D0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D04C40**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **82FDFF**, and **008E9A** is the 20% darker color. If you saturate the color by 10%, you get **2BC2D0**, and if you desaturate by 10%, it is **55C6D0**.

Distribution



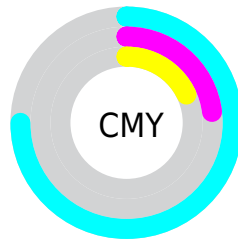
- Red (25%)
- Green (77%)
- Blue (82%)



- Red (25%)
- Yellow (52%)
- Blue (82%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (75%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40C4D0 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 40C4D0 by changing the saturation by 10% instead.

 40C4D0

 40C4D0

FFFFFF

 07A9B4

 82FDFF

 008E9A

 A1FFFF

 007480

 BFFFFFF

 005B67

 DEFFFF

 00434F

 FCFFFF

 002C38

 001422

 00000A

 000000

40C4D0

40C4D0

2BC2D0

55C6D0

16C1D0

6AC7D0

02BFD0

7EC9D0

00BFD0

93CBD0

A8CDD0

BDCED0

D2D0D0

E6D2D0

FBD4D0

Harmonies

Analogous

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



5DC4AF



40C4D0



52BFE9

Triad

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



40C4D0



DAA1D6



CBB072

Complementary

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



40C4D0



D04C40

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.



E5A57E



40C4D0



EF9BB7

Square

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



40C4D0



B4ACEC



F29D97



AABA79

Rectangle

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



40C4D0



71BAF2



F29D97



D5AD74

Sweetspot

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



40C4D0



C9FBFF



40D04C



607D80



000000



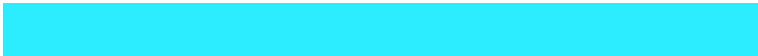
808080

Same Dimension

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



40C4D0



2BEDFF



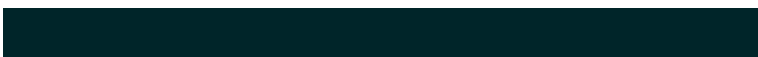
407ED0



5E6869



009AA8



002529

Inverse Universe

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



D040C4



FF2BED



D09440



695E68



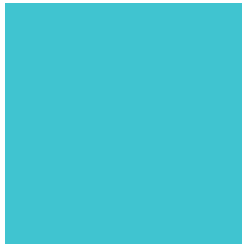
A8009A



290025

Previews

White Background



This preview shows how the Hex color 40C4D0 looks on a white background.

Color Contrast Check

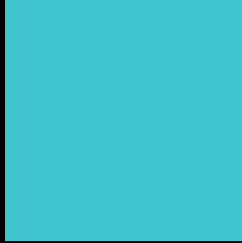
Large Text (above 18pt) WCAG AA × Fail

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 40C4D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

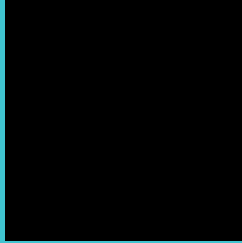
Any Text WCAG AA ✓ Pass

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 40C4D0 Background



This preview shows how black text looks on a background with the Hex color 40C4D0.

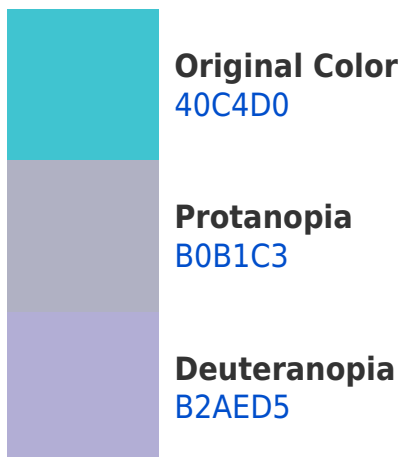


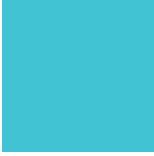
This preview shows how white text looks on a background with the Hex color 40C4D0.

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
42C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40C4D0 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 #40C4D0 looks like.

```
.text, #text, p{  
    color:#40C4D0  
}
```

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 #40C4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C4D0
}
```

Border

The CSS property to change the border of an element to Hex 40C4D0 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
#40C4D0 }
```

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

```
.border{ border-color:#40C4D0 }
```

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

Here you see how a box with a 4 pixel #40C4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C4D0; -webkit-box-shadow:4px 4px  
4px 4px #40C4D0; box-shadow:4px 4px 4px  
4px #40C4D0 }
```

Background

The CSS property to change the background color of an element to Hex 40C4D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C4D0 }
```

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

```
.background{ background-color:#40C4D0 }
```

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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