

Converting Colors

Hex(40BCDE)

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

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Color

Hex(40BCDE)

Conversions

Conversions Part 1

Format	Color
Hex	40BCDE
RGB	64, 188, 222
RGB Percent	25%, 74%, 87%
CMY	0.7490, 0.2627, 0.1294
CMYK	0.71, 0.15, 0.00, 0.13
HSL	193°, 71%, 56%
HSV	193°, 71%, 87%
XYZ	33.2824, 42.3304, 75.5236
YIQ	154.8000, -84.8180, -15.7140

Conversions

Conversions Part 2

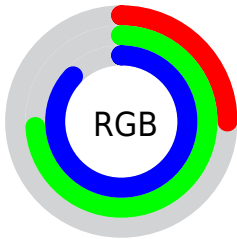
Format	Color
R_{YB}	64, 133, 222
Decimal	4242654
CIE _{Lab}	71.10, -23.00, -26.87
CIE _{LCh}	71, 35.371, 229.436
Yxy	42.3304, 0.2202, 0.2801
Android (android.graphics.Color)	4282432734 (0xFF40BCDE)
YUV	154.8000, 33.1296, -79.6316
Hunter-Lab	65.0618, -22.5464, -23.2805

Details

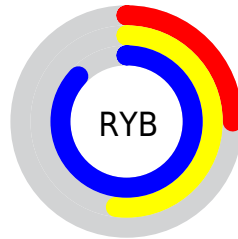
The Hex color **40BCDE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DE6240**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **83F4FF**, and **0087A7** is the 20% darker color. If you saturate the color by 10%, you get **2AB7DE**, and if you desaturate by 10%, it is **56C1DE**.

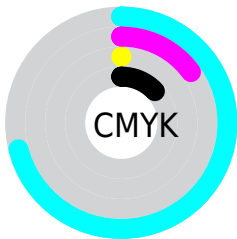
Distribution



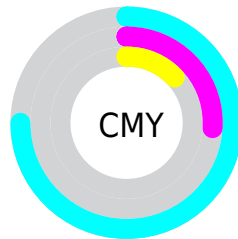
- Red (25%)
- Green (74%)
- Blue (87%)



- Red (25%)
- Yellow (52%)
- Blue (87%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (75%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 40BCDE

 40BCDE

FFFFFF

 03A1C2


 83F4FF

 0087A7

 A2FFFF

 006D8C

 C0FFFF

 005473

 DFFFFFF

 003D5A

FEFFFF

 002742

 000B2C

 000117

 000000

 40BCDE

 40BCDE

 2AB7DE

 56C1DE

 14B2DE

 6CC6DE

 00AEDE

 83CADE

 99CFDE

 AFD4DE

 C5D9DE

 DBDDDE

 F2E2DE

 FFE7DE

Harmonies

Analogous

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



3DBFC2



40BCDE



6FB5ED

Triad

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



40BCDE



E697BB



AFB370

Complementary

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



40BCDE



DE6240

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.



CEA86F



40BCDE



EE969A

Square

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



40BCDE



CC9ED8



E59D7E



8ABA83

Rectangle

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



40BCDE



91AEED



E59D7E



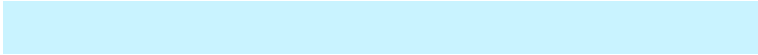
BAAF6E

Sweetspot

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



40BCDE



C9F3FF



40DE60



607980



000000



808080

Same Dimension

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



40BCDE



26D0FF



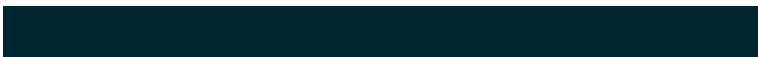
406FDE



656E70



008AB0



002630

Inverse Universe

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



DE40BC



FF26D0



DEAF40



70656E



B0008A



300026

Previews

White Background



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

Color Contrast Check

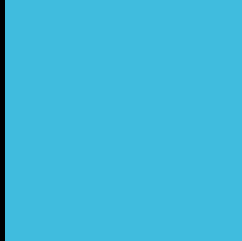
Large Text (above 18pt) WCAG AA × Fail

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 40BCDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

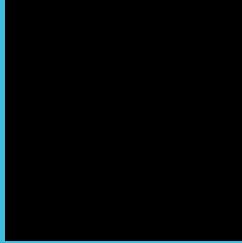
Any Text WCAG AA ✓ Pass

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 40BCDE Background



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

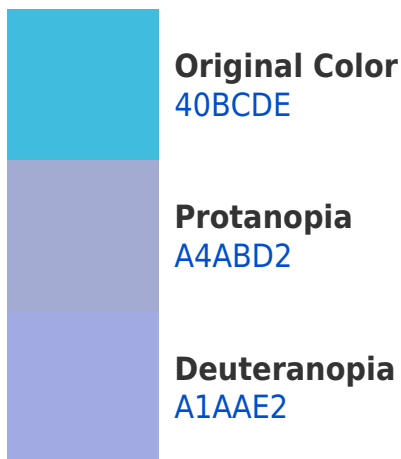


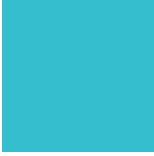
This preview shows how white text looks on a background with the Hex color 40BCDE.

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](#).

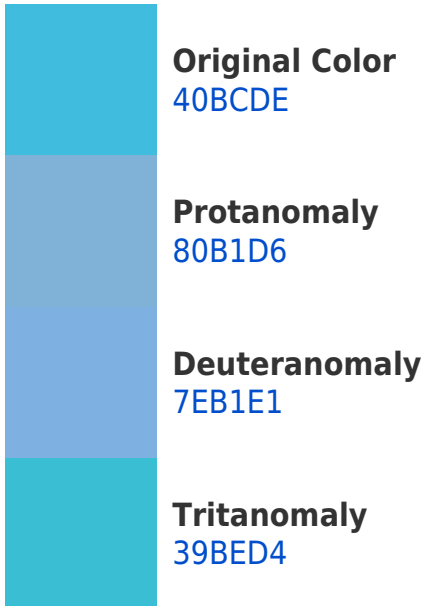
Dichromacy



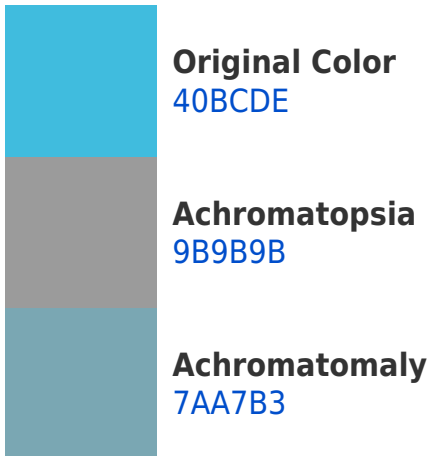


Tritanopia
35BFCE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #40BCDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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