

Converting Colors

Hex(40CEDF)

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

Hex(40CEDF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40CEDF)

Conversions

Conversions Part 1

Format	Color
Hex	40CEDF
RGB	64, 206, 223
RGB Percent	25%, 81%, 87%
CMY	0.7490, 0.1922, 0.1255
CMYK	0.71, 0.08, 0.00, 0.13
HSL	186°, 71%, 56%
HSV	186°, 71%, 87%
XYZ	37.5049, 50.5603, 77.5944
YIQ	165.4800, -90.0890, -24.8170

Conversions

Conversions Part 2

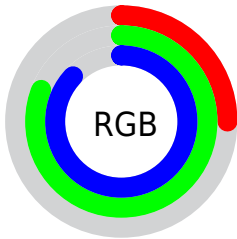
Format	Color
RYB	64, 139, 223
Decimal	4247263
CIELab	76.41, -31.59, -19.31
CIELCh	76, 37.027, 211.438
Yxy	50.5603, 0.2264, 0.3052
Android (android.graphics.Color)	4282437343 (0xFF40CEDF)
YUV	165.4800, 28.3574, -88.9980
Hunter-Lab	71.1058, -30.2848, -14.9264

Details

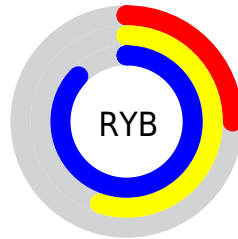
The Hex color **40CEDF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF5140**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **85FFFF**, and **0097A8** is the 20% darker color. If you saturate the color by 10%, you get **2ACCDF**, and if you desaturate by 10%, it is **56D0DF**.

Distribution



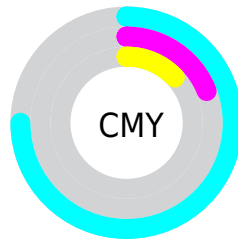
- Red (25%)
- Green (81%)
- Blue (87%)



- Red (25%)
- Yellow (55%)
- Blue (87%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (75%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 40CEDF

FFFFFF

 85FFFF

 A4FFFF

 C3FFFF

 E2FFFF

 40CEDF

 00B2C3

 0097A8

 007D8D

 006474

 004B5B

 003444

 00202D

 000119

 000000

 40CEDF

 40CEDF

 2ACCDF

 56D0DF

 13C9DF

 6DD3DF

 00C7DF

 83D5DF

 99D8DF

 B0DADF

 C6DCDF

 DCDFDF

 F2E1DF

 FFE3DF

Harmonies

Analogous

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



5BCFBD



40CEDF



5AC9F8

Triad

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



40CEDF



E9A8DE



D2BB78

Complementary

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



40CEDF



DF5140

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.



EEAF81



40CEDF



FDA2BC

Square

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



40CEDF



C3B3F7



FEA59A



AEC581

Rectangle

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



40CEDF



7DC3FF



FEA59A



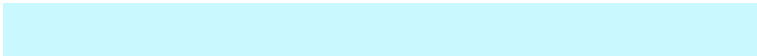
DDB779

Sweetspot

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



40CEDF



C9F9FF



40DF50



607C80



000000



808080

Same Dimension

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



40CEDF



24E8FF



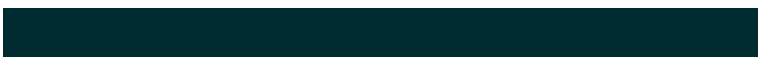
4080DF



656F70



009DB0



002B30

Inverse Universe

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



DF40CE



FF24E8



DF9F40



70656F



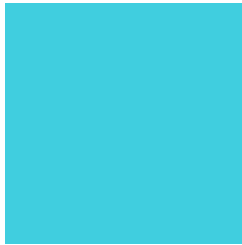
B0009D



30002B

Previews

White Background



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

Color Contrast Check

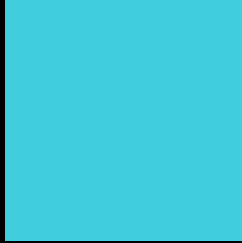
Large Text (above 18pt) WCAG AA × Fail

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 40CEDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

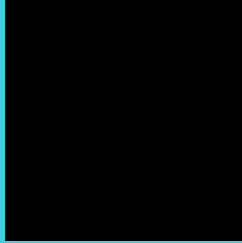
Any Text WCAG AA ✓ Pass

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 40CEDF Background



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

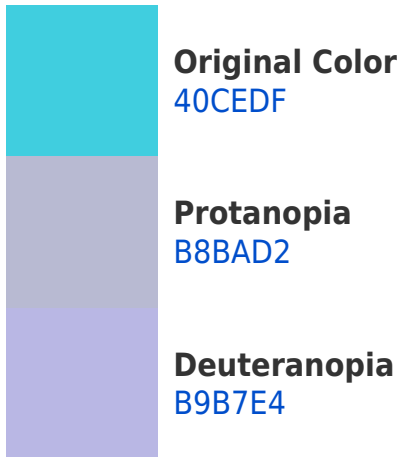


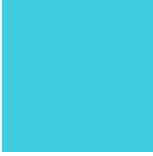
This preview shows how white text looks on a background with the Hex color 40CEDF.

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](#).

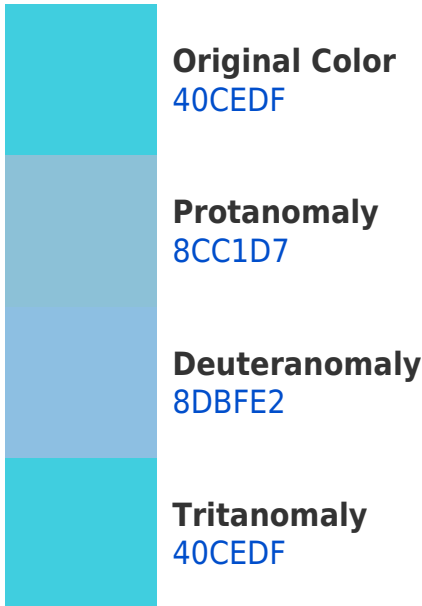
Dichromacy



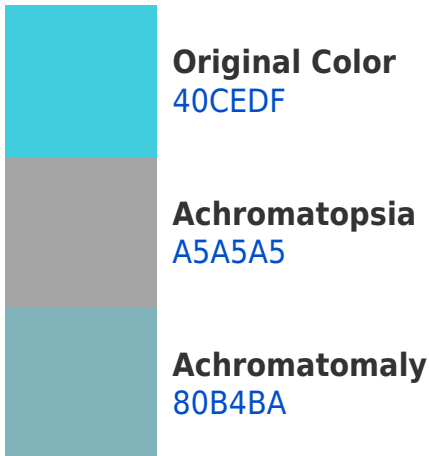


Tritanopia
40CEDF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #40CEDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor