

Converting Colors

Hex(40D3E9)

Have a look what the booklet for
Hex(40D3E9) contains.

| | |
|--|----|
| Hex(40D3E9) | 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(40D3E9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 40D3E9 |
| RGB | 64, 211, 233 |
| RGB Percent | 25%, 83%, 91% |
| CMY | 0.7490, 0.1725, 0.0863 |
| CMYK | 0.73, 0.09, 0.00, 0.09 |
| HSL | 188°, 79%, 58% |
| HSV | 188°, 73%, 91% |
| XYZ | 40.1166, 53.5617, 85.3149 |
| YIQ | 169.5550, -94.6740, -24.3220 |

Conversions

Conversions Part 2

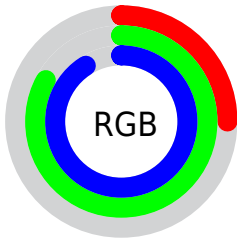
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 64, 143, 233 |
| Decimal | 4248553 |
| CIE _{Lab} | 78.21, -31.00, -21.96 |
| CIE _{LCh} | 78, 37.989, 215.312 |
| Y _{xy} | 53.5617, 0.2241, 0.2992 |
| Android (android.graphics.Color) | 4282438633 (0xFF40D3E9) |
| YUV | 169.5550, 31.2784, -92.5717 |
| Hunter-Lab | 73.1859, -30.2311, -17.8860 |

Details

The Hex color **40D3E9** 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 **E95640**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **86FFFF**, and **009CB1** is the 20% darker color. If you saturate the color by 10%, you get **29D0E9**, and if you desaturate by 10%, it is **57D6E9**.

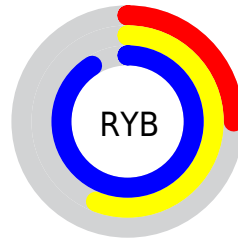
Distribution



Red (25%)

Green (83%)

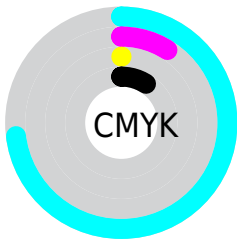
Blue (91%)



Red (25%)

Yellow (56%)

Blue (91%)

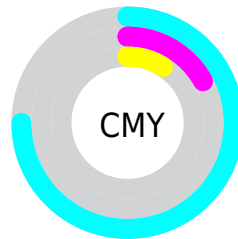


Cyan (73%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (75%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40D3E9 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 40D3E9 by changing the saturation by 10% instead.

 40D3E9

 40D3E9

FFFFFF

 00B7CD

 86FFFF

 009CB1

 A6FFFF

 008297

 C5FFFF

 00687D

 E4FFFF

 005064

 00384C

 002435

 000220

 000004

■ 40D3E9

■ 40D3E9

■ 29D0E9

■ 57D6E9

■ 11CDE9

■ 6FD9E9

■ 00CBE9

■ 86DCE9

■ 9DDFE9

■ B4E2E9

■ CCE5E9

■ E3E8E9

■ FAEBE9

■ FFEEE9

Harmonies

Analogous

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



58D5C7



40D3E9



62CDDF

Triad

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



40D3E9



F3ABE0



D3C17B

Complementary

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



40D3E9



E95640

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.



F2B582



40D3E9



FFA6BC

Square

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



40D3E9



CEB6FB



FFAB9A



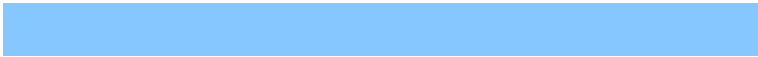
ADCB87

Rectangle

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



40D3E9



87C7FF



FFAB9A



DEBD7B

Sweetspot

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



40D3E9



C7F8FF



40E954



5E7B80



000000



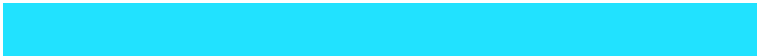
808080

Same Dimension

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



40D3E9



21E2FF



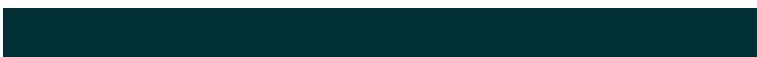
4081E9



6A7475



009DB5



002F36

Inverse Universe

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



E940D3



FF21E2



E9A840



756A74



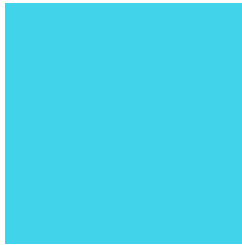
B5009D



36002F

Previews

White Background



This preview shows how the Hex color 40D3E9 looks on a white background.

Color Contrast Check

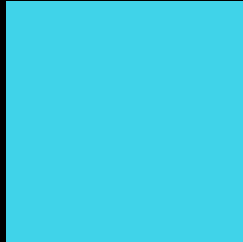
Large Text (above 18pt) WCAG AA × Fail

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 40D3E9 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 40D3E9 Background



This preview shows how black text looks on a background with the Hex color 40D3E9.

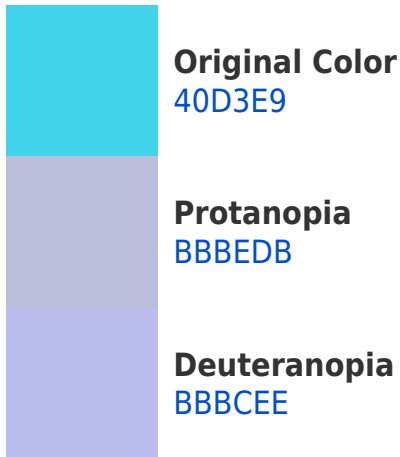


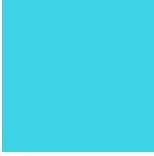
This preview shows how white text looks on a background with the Hex color 40D3E9.

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](#).

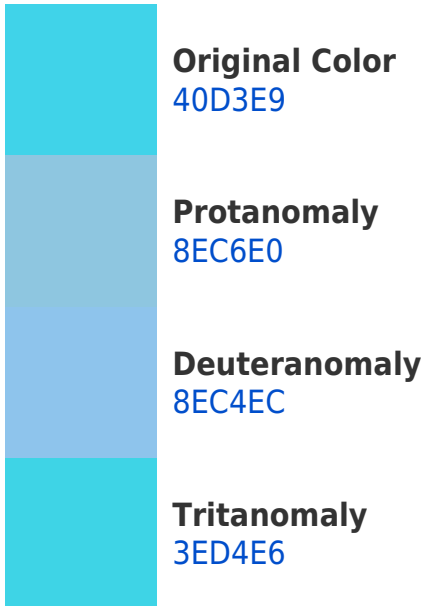
Dichromacy



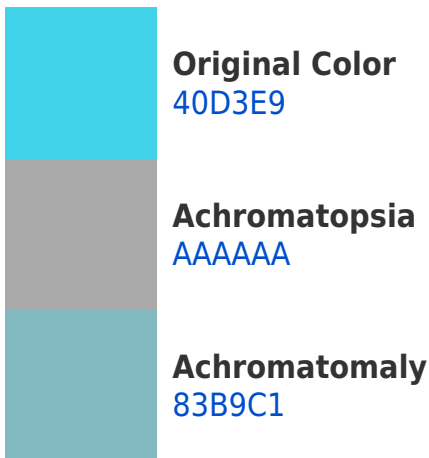


Tritanopia
3DD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40D3E9 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 #40D3E9 looks like.

```
.text, #text, p{  
    color:#40D3E9  
}
```

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 #40D3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D3E9
}
```

Border

The CSS property to change the border of an element to Hex 40D3E9 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
#40D3E9 }
```

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

```
.border{ border-color:#40D3E9 }
```

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

Here you see how a box with a 4 pixel #40D3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D3E9; -webkit-box-shadow:4px 4px  
4px 4px #40D3E9; box-shadow:4px 4px 4px  
4px #40D3E9 }
```

Background

The CSS property to change the background color of an element to Hex 40D3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D3E9 }
```

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

```
.background{ background-color:#40D3E9 }
```

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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