

Converting Colors

Hex(38CEDA)

Have a look what the booklet for
Hex(38CEDA) contains.

Hex(38CEDA)	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(38CEDA)

Conversions

Conversions Part 1

Format	Color
Hex	38CEDA
RGB	56, 206, 218
RGB Percent	22%, 81%, 85%
CMY	0.7804, 0.1922, 0.1451
CMYK	0.74, 0.06, 0.00, 0.15
HSL	184°, 69%, 54%
HSV	184°, 74%, 85%
XYZ	36.3571, 50.0453, 74.0732
YIQ	162.5180, -93.2520, -28.0680

Conversions

Conversions Part 2

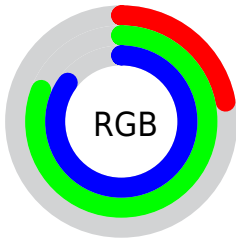
Format	Color
R_{YB}	56, 134, 218
Decimal	3722970
CIE _{Lab}	76.10, -34.01, -17.11
CIE _{LCh}	76, 38.076, 206.705
Yxy	50.0453, 0.2266, 0.3119
Android (android.graphics.Color)	4281913050 (0xFF38CEDA)
YUV	162.5180, 27.3526, -93.4163
Hunter-Lab	70.7427, -32.0626, -12.5614

Details

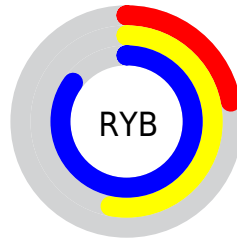
The Hex color **38CEDA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA4438**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7FFFFFFF**, and **0097A3** is the 20% darker color. If you saturate the color by 10%, you get **22CCDA**, and if you desaturate by 10%, it is **4ED0DA**.

Distribution



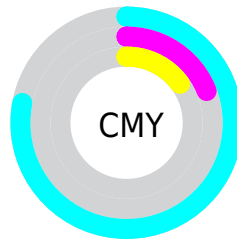
- Red (22%)
- Green (81%)
- Blue (85%)



- Red (22%)
- Yellow (53%)
- Blue (85%)



- Cyan (74%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (78%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38CEDA 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 38CEDA by changing the saturation by 10% instead.

 38CEDA

 38CEDA

FFFFFF

 00B2BE


 7FFFFFFF

 0097A3

 9FFFFFFF

 007D89

 BEFFFF

 00636F

 DDFFFF

 004B57

 FCFFFF

 003340

 001F2A

 000115

 000000

 38CEDA

 38CEDA

 22CCDA

 4ED0DA

 0CCBDA

 64D1DA

 00CADA

 79D3DA

 8FD4DA

 A5D6DA

 BBD8DA

 D1D9DA

 E6DBDA

 FCDDDA

Harmonies

Analogous

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



5DCEB6



38CEDA



4BC9F5

Triad

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



38CEDA



E5A8E3



D7B875

Complementary

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



38CEDA



DA4438

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.



F2AC82



38CEDA



FCA1C1

Square

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



38CEDA



BAB4FA



FFA39E



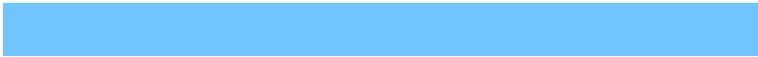
B3C37C

Rectangle

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



38CEDA



70C4FF



FFA39E



E1B477

Sweetspot

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



38CEDA



C7FBFF



38DA43



5E7D80



000000



808080

Same Dimension

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



38CEDA



1CEEFF



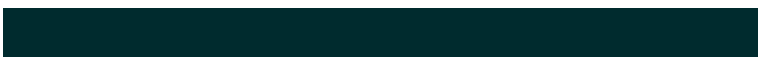
387EDA



636D6E



00A1AD



002B2E

Inverse Universe

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



DA38CE



FF1CEE



DA9438



6E636D



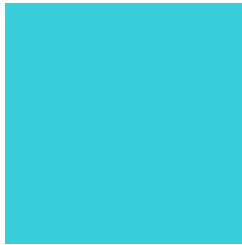
AD00A1



2E002A

Previews

White Background



This preview shows how the Hex color 38CEDA looks on a white background.

Color Contrast Check

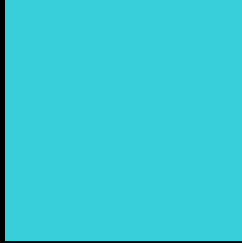
Large Text (above 18pt) WCAG AA × Fail

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 38CEDA 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 38CEDA Background



This preview shows how black text looks on a background with the Hex color 38CEDA.

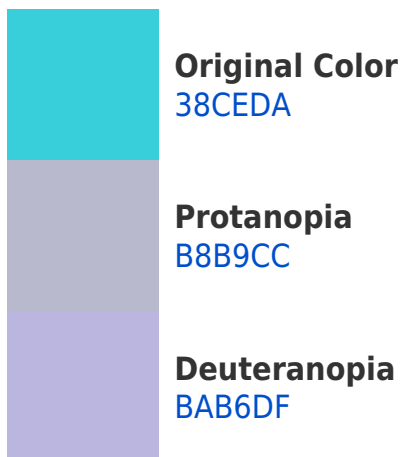


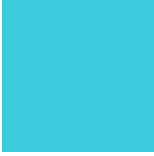
This preview shows how white text looks on a background with the Hex color 38CEDA.

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](#).

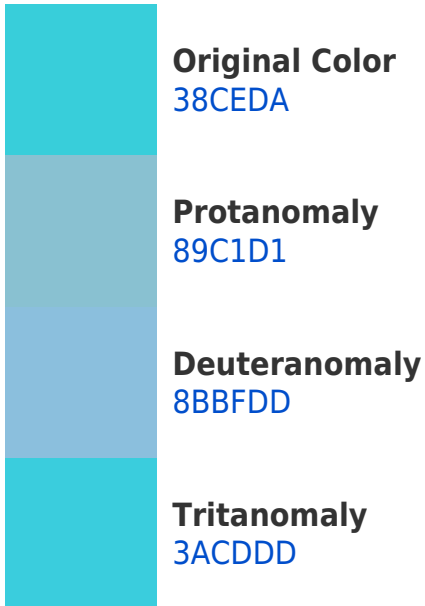
Dichromacy



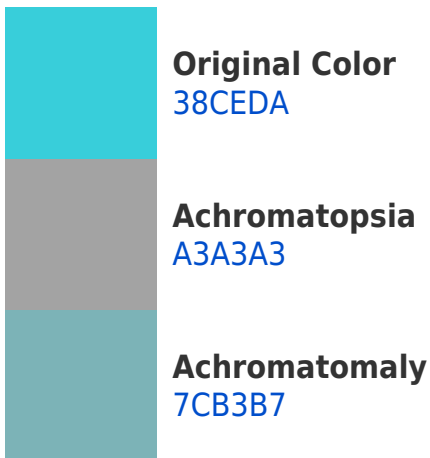


Tritanopia
3BCDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38CEDA 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 #38CEDA looks like.

```
.text, #text, p{  
    color:#38CEDA  
}
```

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 #38CEDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38CEDA
}
```

Border

The CSS property to change the border of an element to Hex 38CEDA 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
#38CEDA }
```

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

```
.border{ border-color:#38CEDA }
```

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

Here you see how a box with a 4 pixel #38CEDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38CEDA; -webkit-box-shadow:4px 4px  
4px 4px #38CEDA; box-shadow:4px 4px 4px  
4px #38CEDA }
```

Background

The CSS property to change the background color of an element to Hex 38CEDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38CEDA }
```

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

```
.background{ background-color:#38CEDA }
```

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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