

Converting Colors

Hex(43C8DA)

Have a look what the booklet for
Hex(43C8DA) contains.

Hex(43C8DA)	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(43C8DA)

Conversions

Conversions Part 1

Format	Color
Hex	43C8DA
RGB	67, 200, 218
RGB Percent	26%, 78%, 85%
CMY	0.7373, 0.2157, 0.1451
CMYK	0.69, 0.08, 0.00, 0.15
HSL	187°, 67%, 56%
HSV	187°, 69%, 85%
XYZ	35.6239, 47.5638, 73.6328
YIQ	162.2850, -85.0460, -22.5980

Conversions

Conversions Part 2

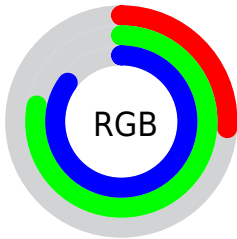
Format	Color
R_{YB}	67, 138, 218
Decimal	4442330
CIE _{Lab}	74.55, -29.80, -19.43
CIE _{LCh}	75, 35.574, 213.108
Yxy	47.5638, 0.2272, 0.3033
Android (android.graphics.Color)	4282632410 (0xFF43C8DA)
YUV	162.2850, 27.4675, -83.5649
Hunter-Lab	68.9665, -28.4892, -15.0250

Details

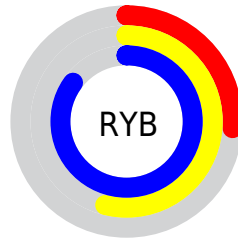
The Hex color **43C8DA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA5543**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **86FFFF**, and **0092A3** is the 20% darker color. If you saturate the color by 10%, you get **2DC5DA**, and if you desaturate by 10%, it is **59CBDA**.

Distribution



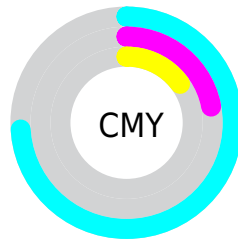
- Red (26%)
- Green (78%)
- Blue (85%)



- Red (26%)
- Yellow (54%)
- Blue (85%)



- Cyan (69%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (74%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43C8DA 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 43C8DA by changing the saturation by 10% instead.

 43C8DA

 43C8DA

FFFFFF

 0DACBE

 86FFFF

 0092A3

 A4FFFF

 007889

 C3FFFF

 005E6F

 E2FFFF

 004657

 002F40

 001A2A

 000115

 000000

 43C8DA

 43C8DA

 2DC5DA

 59CBDA

 17C3DA

 6FCDDA

 02C0DA

 84D0DA

 00C0DA

 9AD2DA

 B0D5DA

 C6D8DA

 DCDADA

 F1DDDA

 FFDFDA

Harmonies

Analogous

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



5AC9BA



43C8DA



5DC3F1

Triad

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



43C8DA



E4A3D6



CAB676

Complementary

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



43C8DA



DA5543

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.



E6AB7E



43C8DA



F69EB5

Square

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



43C8DA



C0AEEE



F6A295



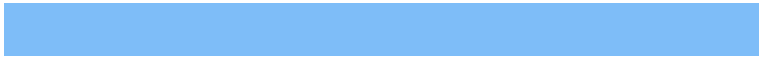
A7C080

Rectangle

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



43C8DA



7EBDF8



F6A295



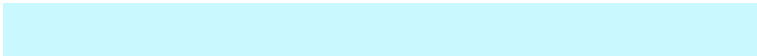
D5B376

Sweetspot

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



43C8DA



C9F9FF



43DA55



607C80



000000



808080

Same Dimension

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



43C8DA



2BE6FF



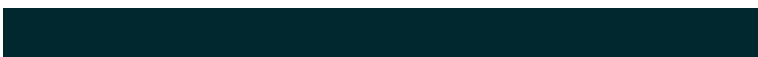
437DDA



636C6E



0099AD



00282E

Inverse Universe

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



DA43C8



FF2BE6



DAA043



6E636C



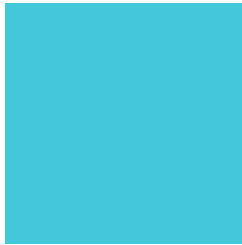
AD0099



2E0028

Previews

White Background



This preview shows how the Hex color 43C8DA looks on a white background.

Color Contrast Check

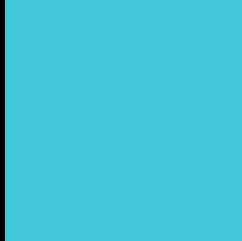
Large Text (above 18pt) WCAG AA × Fail

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 43C8DA 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 43C8DA Background



This preview shows how black text looks on a background with the Hex color 43C8DA.

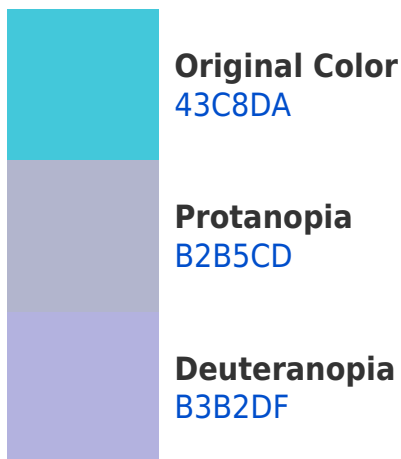


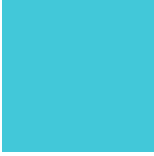
This preview shows how white text looks on a background with the Hex color 43C8DA.

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
42C8D9

Trichromacy



Original Color
43C8DA



Protanomaly
8ABCD2



Deuteranomaly
8ABADD

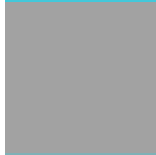


Tritanomaly
42C8D9

Monochromacy



Original Color
43C8DA



Achromatopsia
A2A2A2



Achromatomaly
7FB0B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 43C8DA 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 #43C8DA looks like.

```
.text, #text, p{  
    color:#43C8DA  
}
```

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 #43C8DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43C8DA
}
```

Border

The CSS property to change the border of an element to Hex 43C8DA 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
#43C8DA }
```

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

```
.border{ border-color:#43C8DA }
```

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

Here you see how a box with a 4 pixel #43C8DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43C8DA; -webkit-box-shadow:4px 4px  
4px 4px #43C8DA; box-shadow:4px 4px 4px  
4px #43C8DA }
```

Background

The CSS property to change the background color of an element to Hex 43C8DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43C8DA }
```

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

```
.background{ background-color:#43C8DA }
```

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