

Converting Colors

Hex(44C8CC)

Have a look what the booklet for
Hex(44C8CC) contains.

Hex(44C8CC)	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(44C8CC)

Conversions

Conversions Part 1

Format	Color
Hex	44C8CC
RGB	68, 200, 204
RGB Percent	27%, 78%, 80%
CMY	0.7333, 0.2157, 0.2000
CMYK	0.67, 0.02, 0.00, 0.20
HSL	182°, 57%, 53%
HSV	182°, 67%, 80%
XYZ	33.9373, 46.8971, 64.3901
YIQ	160.9880, -79.9560, -26.7400

Conversions

Conversions Part 2

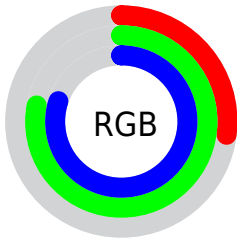
Format	Color
RYB	68, 135, 204
Decimal	4507852
CIELab	74.12, -33.75, -12.49
CIELCh	74, 35.984, 200.306
Yxy	46.8971, 0.2337, 0.3229
Android (android.graphics.Color)	4282697932 (0xFF44C8CC)
YUV	160.9880, 21.2049, -81.5505
Hunter-Lab	68.4815, -31.3836, -7.8107

Details

The Hex color **44C8CC** 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 **CC4844**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **85FFFF**, and **009196** is the 20% darker color. If you saturate the color by 10%, you get **30C7CC**, and if you desaturate by 10%, it is **58C9CC**.

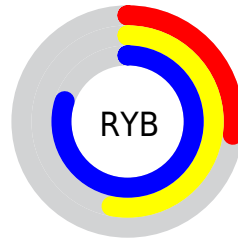
Distribution



Red (27%)

Green (78%)

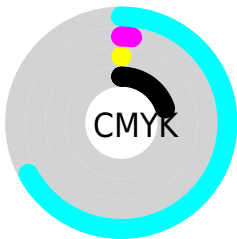
Blue (80%)



Red (27%)

Yellow (53%)

Blue (80%)

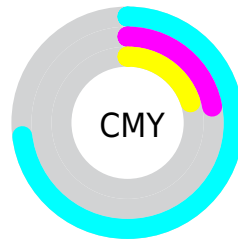


Cyan (67%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (73%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44C8CC 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 44C8CC by changing the saturation by 10% instead.

 44C8CC

 44C8CC

FFFFFF

 14ACB1

 85FFFF

 009196

 A3FFFF

 00777C

 C2FFFF

 005E63

 E0FFFF

 00464B

 002F35

 001820

 000006

 000000

44C8CC

44C8CC

30C7CC

58C9CC

1BC7CC

6DC9CC

07C6CC

81CACC

00C6CC

96CACC

AACBCC

BECCCC

D3CCCC

E7CDCC

FCCDCC

Harmonies

Analogous

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



67C8AA



44C8CC



48C4E8

Triad

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



44C8CC



D6A6E1



D6B175

Complementary

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



44C8CC



CC4844

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.



EEA585



44C8CC



F09EC2

Square

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



44C8CC



ABB2F4



F89EA1



B6BB77

Rectangle

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



44C8CC



66C0F4



F89EA1



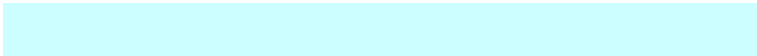
DFAD79

Sweetspot

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



44C8CC



CCFDFF



44CC46



617F80



000000



808080

Same Dimension

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



44C8CC



33F9FF



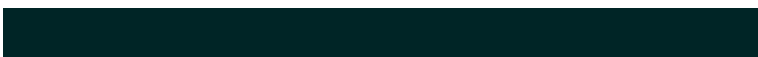
4486CC



5C6666



00A1A6



002526

Inverse Universe

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



CC44C8



FF33F9



CC8A44



665C66



A600A1



260025

Previews

White Background



This preview shows how the Hex color 44C8CC looks on a white background.

Color Contrast Check

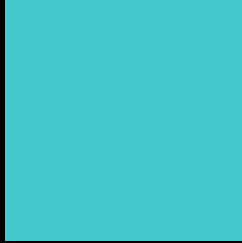
Large Text (above 18pt) WCAG AA × Fail

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 44C8CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

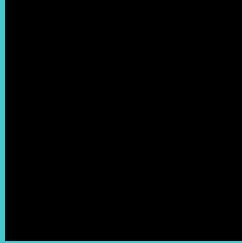
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

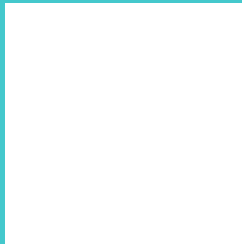
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 44C8CC Background



This preview shows how black text looks on a background with the Hex color 44C8CC.

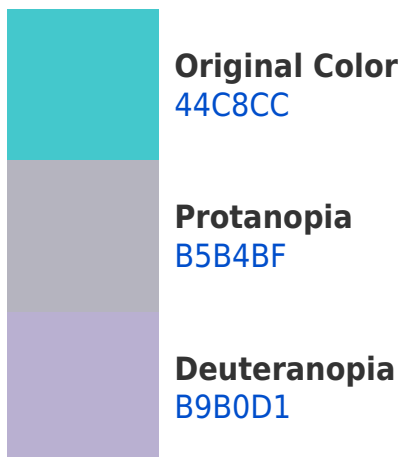


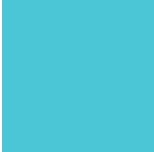
This preview shows how white text looks on a background with the Hex color 44C8CC.

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



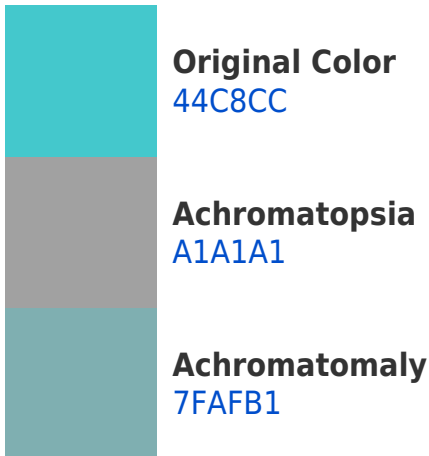


Tritanopia
4AC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44C8CC 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 #44C8CC looks like.

```
.text, #text, p{  
    color:#44C8CC  
}
```

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 #44C8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C8CC
}
```

Border

The CSS property to change the border of an element to Hex 44C8CC 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
#44C8CC }
```

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

```
.border{ border-color:#44C8CC }
```

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

Here you see how a box with a 4 pixel #44C8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C8CC; -webkit-box-shadow:4px 4px  
4px 4px #44C8CC; box-shadow:4px 4px 4px  
4px #44C8CC }
```

Background

The CSS property to change the background color of an element to Hex 44C8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C8CC }
```

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

```
.background{ background-color:#44C8CC }
```

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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