

Converting Colors

Hex(4CC8E8)

Have a look what the booklet for
Hex(4CC8E8) contains.

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Color

Hex(4CC8E8)

Conversions

Conversions Part 1

Format	Color
Hex	4CC8E8
RGB	76, 200, 232
RGB Percent	30%, 78%, 91%
CMY	0.7020, 0.2157, 0.0902
CMYK	0.67, 0.14, 0.00, 0.09
HSL	192°, 77%, 60%
HSV	192°, 67%, 91%
XYZ	38.2003, 48.6712, 83.7251
YIQ	166.5720, -84.1760, -16.3360

Conversions

Conversions Part 2

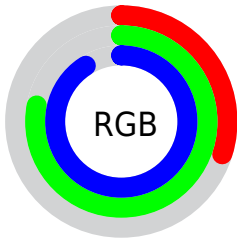
Format	Color
RYB	76, 145, 232
Decimal	5032168
CIELab	75.25, -24.31, -25.91
CIElCh	75, 35.531, 226.817
Yxy	48.6712, 0.2239, 0.2853
Android (android.graphics.Color)	4283222248 (0xFF4CC8E8)
YUV	166.5720, 32.2560, -79.4316
Hunter-Lab	69.7648, -24.3493, -22.3189

Details

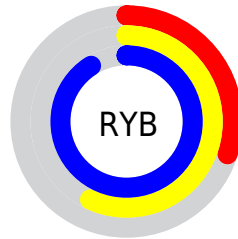
The Hex color **4CC8E8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E86C4C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8DFFFF**, and **0092B0** is the 20% darker color. If you saturate the color by 10%, you get **35C3E8**, and if you desaturate by 10%, it is **63CDE8**.

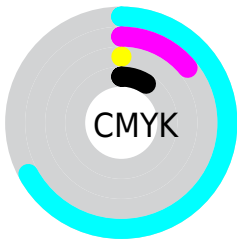
Distribution



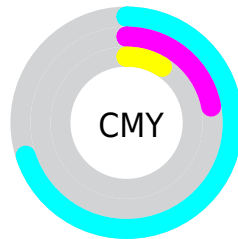
- Red (30%)
- Green (78%)
- Blue (91%)



- Red (30%)
- Yellow (57%)
- Blue (91%)



- Cyan (67%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (70%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CC8E8 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 4CC8E8 by changing the saturation by 10% instead.

 4CC8E8

 4CC8E8

FFFFFF

 20ADCC

 8DFFFF

 0092B0

 ACFFFF

 007896

 CBFFFF


 005F7C

 E9FFFF

 004763

 00304B

 001D34

 00021F

 000001

 4CC8E8

 4CC8E8

 35C3E8

 63CDE8

 1EBEE8

 7AD2E8

 06BAE8

 92D6E8

 00B8E8

 A9DBE8

 C0E0E8

 D7E5E8

 EEE9E8

 FFEED8

 FFF3E8

Harmonies

Analogous

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



4ECBCB



4CC8E8



76C1F8

Triad

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



4CC8E8



F0A2C9



BDBD7A

Complementary

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



4CC8E8



E86C4C

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.



DDB27A



4CC8E8



FAA1A8

Square

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



4CC8E8



D4AAE6



F3A88B



98C58C

Rectangle

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



4CC8E8



98BAFA



F3A88B



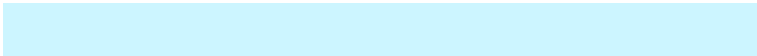
C8BA78

Sweetspot

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



4CC8E8



CCF5FF



4CE86B



617980



000000



808080

Same Dimension

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



4CC8E8



30D5FF



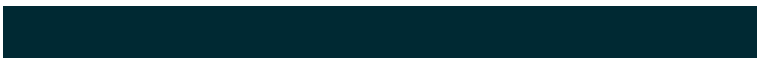
4C7BE8



677073



008EB3



002933

Inverse Universe

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



E84CC8



FF30D5



E8B94C



736770



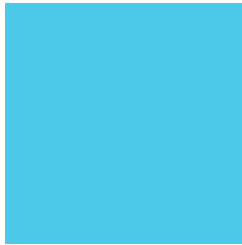
B3008E



330029

Previews

White Background



This preview shows how the Hex color 4CC8E8 looks on a white background.

Color Contrast Check

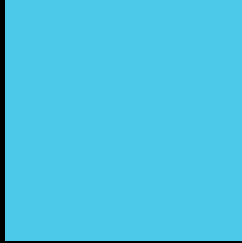
Large Text (above 18pt) WCAG AA × Fail

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 4CC8E8 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 4CC8E8 Background



This preview shows how black text looks on a background with the Hex color 4CC8E8.

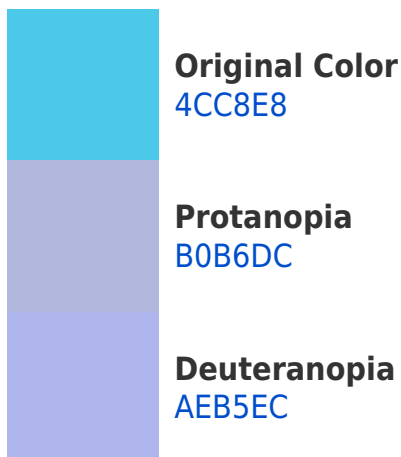


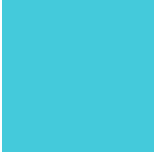
This preview shows how white text looks on a background with the Hex color 4CC8E8.

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
44CADB

Trichromacy



Original Color
4CC8E8



Protanomaly
8CBDE0



Deuteranomaly
8ABCEB

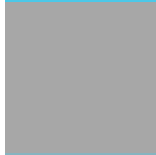


Tritanomaly
47C9E0

Monochromacy



Original Color
4CC8E8



Achromatopsia
A7A7A7



Achromatomaly
86B3BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CC8E8 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 #4CC8E8 looks like.

```
.text, #text, p{  
    color:#4CC8E8  
}
```

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 #4CC8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC8E8  
}
```

Border

The CSS property to change the border of an element to Hex 4CC8E8 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  
#4CC8E8 }
```

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

```
.border{ border-color:#4CC8E8 }
```

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

Here you see how a box with a 4 pixel #4CC8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC8E8; -webkit-box-shadow:4px 4px  
4px 4px #4CC8E8; box-shadow:4px 4px 4px  
4px #4CC8E8 }
```

Background

The CSS property to change the background color of an element to Hex 4CC8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC8E8 }
```

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

```
.background{ background-color:#4CC8E8 }
```

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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