

Converting Colors

Hex(219CEC)

Have a look what the booklet for
Hex(219CEC) contains.

Hex(219CEC)	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(219CEC)

Conversions

Conversions Part 1

Format	Color
Hex	219CEC
RGB	33, 156, 236
RGB Percent	13%, 61%, 93%
CMY	0.8706, 0.3882, 0.0745
CMYK	0.86, 0.34, 0.00, 0.07
HSL	204°, 84%, 53%
HSV	204°, 86%, 93%
XYZ	27.6560, 30.1564, 83.7200
YIQ	128.3430, -98.9880, -1.1960

Conversions

Conversions Part 2

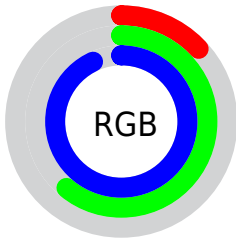
Format	Color
R _Y B	33, 110, 236
Decimal	2202860
CIE Lab	61.79, -3.97, -49.11
CIE LCh	62, 49.267, 265.375
Yxy	30.1564, 0.1954, 0.2131
Android (android.graphics.Color)	4280392940 (0xFF219CEC)
YUV	128.3430, 53.0749, -83.6158
Hunter-Lab	54.9148, -6.2055, -51.9498

Details

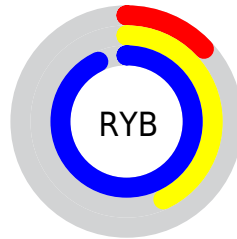
The Hex color **219CEC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EC7121**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **73D2FF**, and **0069B4** is the 20% darker color. If you saturate the color by 10%, you get **0993EC**, and if you desaturate by 10%, it is **39A5EC**.

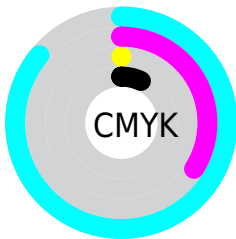
Distribution



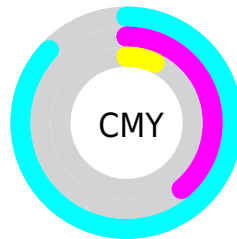
- Red (13%)
- Green (61%)
- Blue (93%)



- Red (13%)
- Yellow (43%)
- Blue (93%)



- Cyan (86%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)




- Cyan (87%)
- Magenta (39%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219CEC 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 219CEC by changing the saturation by 10% instead.

 219CEC

 219CEC


FFFFFF

 0082CF

 73D2FF

 0069B4

 94EEFF

 005199

 B3FFFF

 003B7E


 D2FFFF

 002665

 F2FFFF

 00114C

 000535

 00021F

 000001

■ 219CEC

■ 219CEC

■ 0993EC

■ 39A5EC

■ 008FEC

■ 50AFEC

■ 68B8EC

■ 7FC1EC

■ 97CBEC

■ AFD4EC

■ C6DDEC

■ DEE6EC

■ F5F0EC

Harmonies

Analogous

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



00A6DC



219CEC



8D8DE4

Triad

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



219CEC



E67372



53A662

Complementary

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



219CEC



EC7121

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.



899E42



219CEC



D5804E

Square

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



219CEC



E2709E



B4913B



00AB8D

Rectangle

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



219CEC



B581D3



B4913B



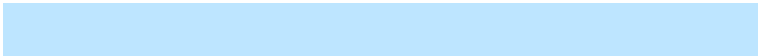
67A455

Sweetspot

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



219CEC



BDE5FF



21EC6F



587080



000000



808080

Same Dimension

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



219CEC



009BFF



2139EC



6A7175



006EB5



002036

Inverse Universe

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



EC219C



FF009B



ECD421



756A71



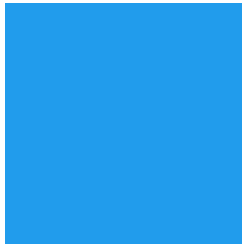
B5006E



360020

Previews

White Background



This preview shows how the Hex color 219CEC looks on a white background.

Color Contrast Check

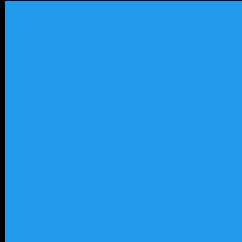
Large Text (above 18pt) WCAG AA × Fail

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 219CEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

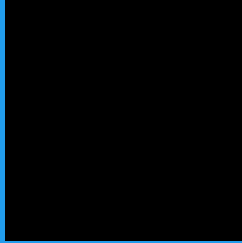
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

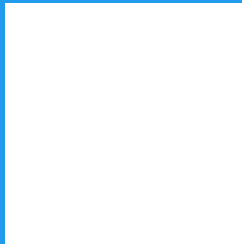
Any Text WCAG AAA ✓ Pass

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

Hex 219CEC Background



This preview shows how black text looks on a background with the Hex color 219CEC.



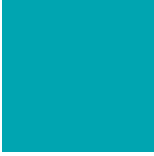
This preview shows how white text looks on a background with the Hex color 219CEC.

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](#).

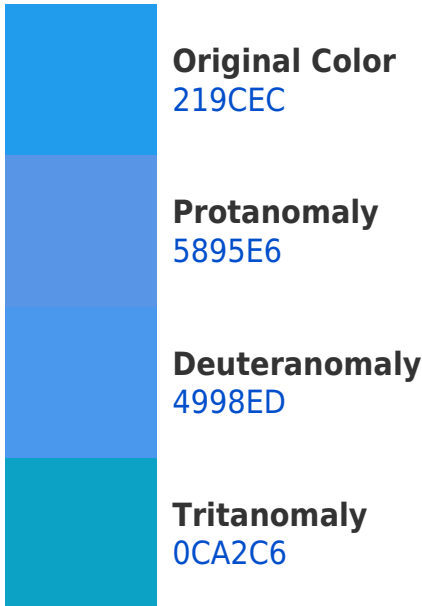
Dichromacy



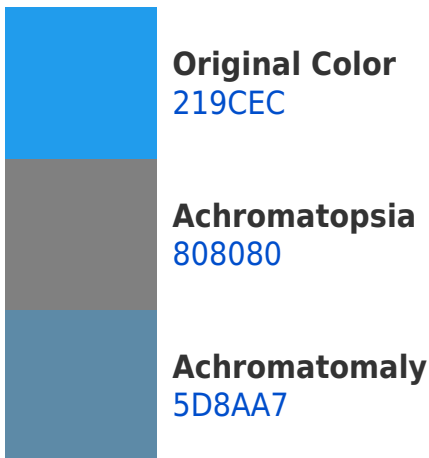


Tritanopia
00A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 219CEC 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 #219CEC looks like.

```
.text, #text, p{  
    color:#219CEC  
}
```

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 #219CEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219CEC
}
```

Border

The CSS property to change the border of an element to Hex 219CEC 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
#219CEC }
```

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

```
.border{ border-color:#219CEC }
```

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

Here you see how a box with a 4 pixel #219CEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219CEC; -webkit-box-shadow:4px 4px  
4px 4px #219CEC; box-shadow:4px 4px 4px  
4px #219CEC }
```

Background

The CSS property to change the background color of an element to Hex 219CEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219CEC }
```

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

```
.background{ background-color:#219CEC }
```

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