

Converting Colors

Hex(09C4E7)

Have a look what the booklet for
Hex(09C4E7) contains.

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Color

Hex(09C4E7)

Conversions

Conversions Part 1

Format	Color
Hex	09C4E7
RGB	9, 196, 231
RGB Percent	4%, 77%, 91%
CMY	0.9647, 0.2314, 0.0941
CMYK	0.96, 0.15, 0.00, 0.09
HSL	189°, 92%, 47%
HSV	189°, 96%, 91%
XYZ	34.2764, 45.3075, 82.5400
YIQ	144.0770, -122.6870, -28.7590

Conversions

Conversions Part 2

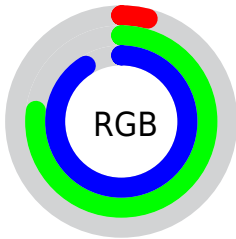
Format	Color
R _Y B	9, 111, 231
Decimal	640231
CIE Lab	73.09, -28.13, -28.75
CIE LCh	73, 40.223, 225.625
Yxy	45.3075, 0.2114, 0.2795
Android (android.graphics.Color)	4278830311 (0xFF09C4E7)
YUV	144.0770, 42.8530, -118.4625
Hunter-Lab	67.3108, -26.8971, -25.5869

Details

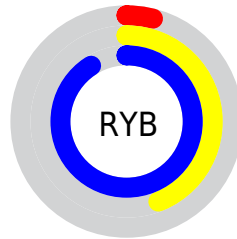
The Hex color **09C4E7** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E72C09**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6FFDFF**, and **008EAF** is the 20% darker color. If you saturate the color by 10%, you get **00C3E7**, and if you desaturate by 10%, it is **20C8E7**.

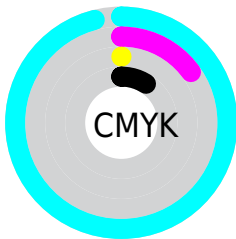
Distribution



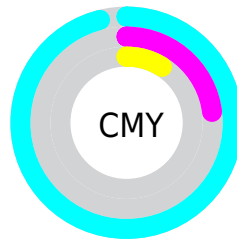
- Red (4%)
- Green (77%)
- Blue (91%)



- Red (4%)
- Yellow (44%)
- Blue (91%)



- Cyan (96%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09C4E7 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 09C4E7 by changing the saturation by 10% instead.

 09C4E7

 09C4E7

FFFFFF

 00A9CB

 6FFDFD

 008EAF

 90FFFF

 007495

 B1FFFF

 005B7B

 D0FFFF

 004362

 F0FFFF

 002C4A

 001533

 00021D

 000000

■ 09C4E7

■ 09C4E7

■ 00C3E7

■ 20C8E7

■ 37CBE7

■ 4ECFE7

■ 65D3E7

■ 7DD6E7

■ 94DAE7

■ ABDDE7

■ C2E1E7

■ D9E5E7

Harmonies

Analogous

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



22C7C6



09C4E7



5DBCFA

Triad

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



09C4E7



F099C7



B8B76B

Complementary

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



09C4E7



E72C09

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.



DBAB6C



09C4E7



FB97A1

Square

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



09C4E7



D0A3E7



F39F80



8FC17F

Rectangle

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



09C4E7



89B5FC



F39F80



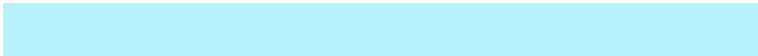
C5B469

Sweetspot

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



09C4E7



B5F3FF



09E72A



537880



000000



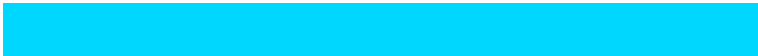
808080

Same Dimension

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



09C4E7



00D7FF



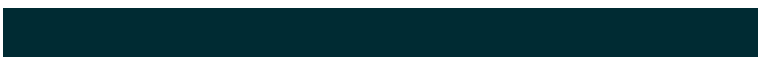
0957E7



677173



0096B3



002B33

Inverse Universe

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



E709C4



FF00D7



E79909



736771



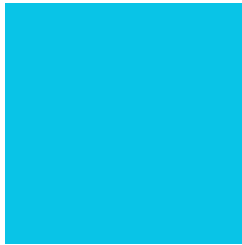
B30096



33002B

Previews

White Background



This preview shows how the Hex color 09C4E7 looks on a white background.

Color Contrast Check

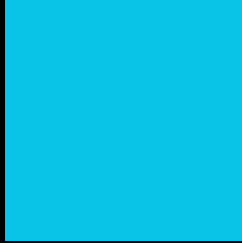
Large Text (above 18pt) WCAG AA × Fail

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 09C4E7 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 09C4E7 Background



This preview shows how black text looks on a background with the Hex color 09C4E7.



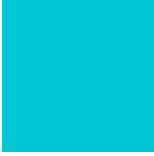
This preview shows how white text looks on a background with the Hex color 09C4E7.

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
00C6D6

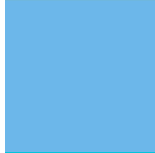
Trichromacy



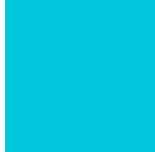
Original Color
09C4E7



Protanomaly
6FB7DE



Deuteranomaly
6CB7EA



Tritanomaly
03C5DC

Monochromacy



Original Color
09C4E7



Achromatopsia
909090



Achromatomaly
5FA3B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 09C4E7 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 #09C4E7 looks like.

```
.text, #text, p{  
    color:#09C4E7  
}
```

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 #09C4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09C4E7
}
```

Border

The CSS property to change the border of an element to Hex 09C4E7 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
#09C4E7 }
```

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

```
.border{ border-color:#09C4E7 }
```

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

Here you see how a box with a 4 pixel #09C4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09C4E7; -webkit-box-shadow:4px 4px  
4px 4px #09C4E7; box-shadow:4px 4px 4px  
4px #09C4E7 }
```

Background

The CSS property to change the background color of an element to Hex 09C4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09C4E7 }
```

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

```
.background{ background-color:#09C4E7 }
```

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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