

Converting Colors

Hex(09CDE8)

Have a look what the booklet for
Hex(09CDE8) contains.

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Color

Hex(09CDE8)

Conversions

Conversions Part 1

Format	Color
Hex	09CDE8
RGB	9, 205, 232
RGB Percent	4%, 80%, 91%
CMY	0.9647, 0.1961, 0.0902
CMYK	0.96, 0.12, 0.00, 0.09
HSL	187°, 93%, 47%
HSV	187°, 96%, 91%
XYZ	36.5095, 49.5469, 83.9832
YIQ	149.4740, -125.4830, -33.1550

Conversions

Conversions Part 2

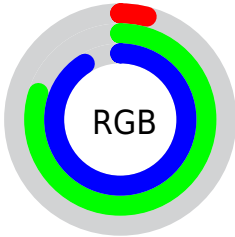
Format	Color
RYB	9, 113, 232
Decimal	642536
CIELab	75.79, -32.19, -25.16
CIELCh	76, 40.852, 218.013
Yxy	49.5469, 0.2147, 0.2914
Android (android.graphics.Color)	4278832616 (0xFF09CDE8)
YUV	149.4740, 40.6853, -123.1957
Hunter-Lab	70.3896, -30.5979, -21.4674

Details

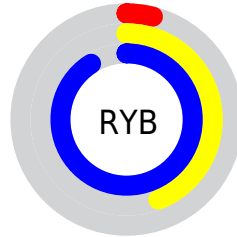
The Hex color **09CDE8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E82409**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **70FFFF**, and **0096B0** is the 20% darker color. If you saturate the color by 10%, you get **00CCE8**, and if you desaturate by 10%, it is **20D0E8**.

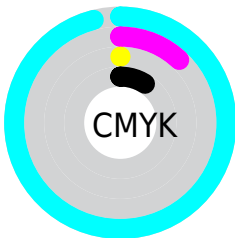
Distribution



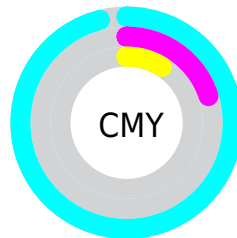
- Red (4%)
- Green (80%)
- Blue (91%)



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



- Cyan (96%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09CDE8 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 09CDE8 by changing the saturation by 10% instead.

 09CDE8

 09CDE8

FFFFFF

 00B1CC

 70FFFF

 0096B0

 92FFFF

 007C96

 B2FFFF

 00637C

 D2FFFF

 004A63

 F2FFFF

 00334B

 001F34

 00021F

 000002

 09CDE8

 09CDE8

 00CCE8

 20D0E8

 37D3E8

 4FD5E8

 66D8E8

 7DDBE8

 94DEE8

 ABE1E8

 C3E3E8

 DAE6E8

Harmonies

Analogous

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



3BCFC4



09CDE8



51C6FF

Triad

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



09CDE8



F2A1D8



CABC6F

Complementary

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



09CDE8



E82409

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.



EBAF75



09CDE8



FF9DB2

Square

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



09CDE8



CCADF6



FFA38E



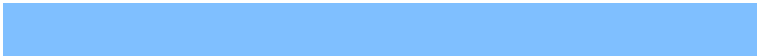
A1C67E

Rectangle

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



09CDE8



7FBFFF



FFA38E



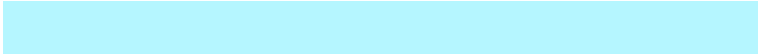
D6B86F

Sweetspot

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



09CDE8



B5F6FF



09E823



537A80



000000



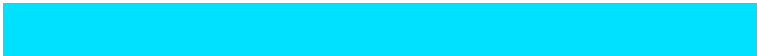
808080

Same Dimension

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



09CDE8



00E0FF



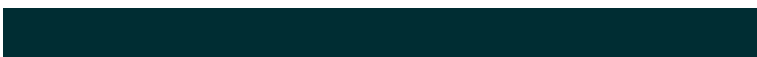
095EE8



677173



009DB3



002D33

Inverse Universe

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



E809CD



FF00E0



E89309



736771



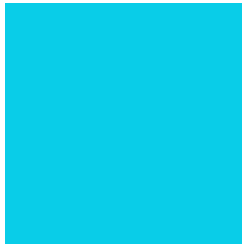
B3009D



33002D

Previews

White Background



This preview shows how the Hex color 09CDE8 looks on a white background.

Color Contrast Check

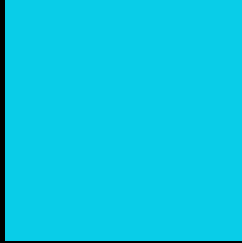
Large Text (above 18pt) WCAG AA × Fail

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 09CDE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

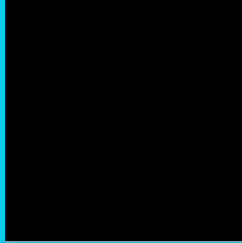
Any Text WCAG AA ✓ Pass

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 09CDE8 Background



This preview shows how black text looks on a background with the Hex color 09CDE8.



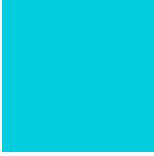
This preview shows how white text looks on a background with the Hex color 09CDE8.

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

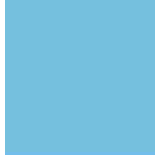




Trichromacy



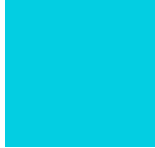
Original Color
09CDE8



Protanomaly
75C0DE



Deuteranomaly
73BEEB



Tritanomaly
03CEE2

Monochromacy



Original Color
09CDE8



Achromatopsia
959595



Achromatomaly
62A9B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 09CDE8 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 #09CDE8 looks like.

```
.text, #text, p{  
  color:#09CDE8  
}
```

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 #09CDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09CDE8
}
```

Border

The CSS property to change the border of an element to Hex 09CDE8 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
#09CDE8 }
```

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

```
.border{ border-color:#09CDE8 }
```

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

Here you see how a box with a 4 pixel #09CDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09CDE8; -webkit-box-shadow:4px 4px  
4px 4px #09CDE8; box-shadow:4px 4px 4px  
4px #09CDE8 }
```

Background

The CSS property to change the background color of an element to Hex 09CDE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09CDE8 }
```

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

```
.background{ background-color:#09CDE8 }
```

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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