

Converting Colors

Hex(09B4E0)

Have a look what the booklet for
Hex(09B4E0) contains.

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Color

Hex(09B4E0)

Conversions

Conversions Part 1

Format	Color
Hex	09B4E0
RGB	9, 180, 224
RGB Percent	4%, 71%, 88%
CMY	0.9647, 0.2941, 0.1216
CMYK	0.96, 0.20, 0.00, 0.12
HSL	192°, 92%, 46%
HSV	192°, 96%, 88%
XYZ	29.8885, 38.0824, 76.2964
YIQ	133.8870, -116.0400, -22.5680

Conversions

Conversions Part 2

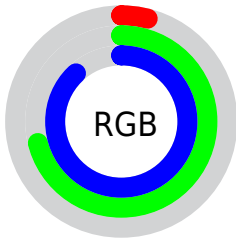
Format	Color
RYB	9, 104, 224
Decimal	636128
CIELab	68.08, -22.41, -32.67
CIELCh	68, 39.620, 235.556
Yxy	38.0824, 0.2072, 0.2640
Android (android.graphics.Color)	4278826208 (0xFF09B4E0)
YUV	133.8870, 44.4257, -109.5259
Hunter-Lab	61.7109, -21.5413, -30.1056

Details

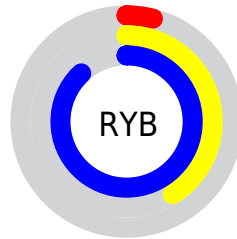
The Hex color **09B4E0** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E03509**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6CECFF**, and **007FA9** is the 20% darker color. If you saturate the color by 10%, you get **00B2E0**, and if you desaturate by 10%, it is **1FB9E0**.

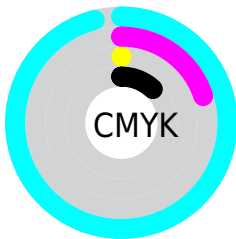
Distribution



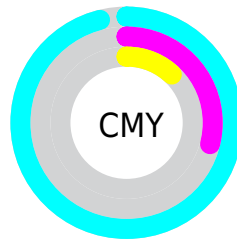
- Red (4%)
- Green (71%)
- Blue (88%)



- Red (4%)
- Yellow (41%)
- Blue (88%)



- Cyan (96%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (96%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09B4E0 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 09B4E0 by changing the saturation by 10% instead.

 09B4E0

 09B4E0

FFFFFF

 0099C4

 6CECFF

 007FA9

 8DFFFF

 00668E

 ADFFFF

 004E74

 CCFFFF

 00375B

 EBFFFF

 002244

 00032D

 000118

 000000

■ 09B4E0

■ 09B4E0

■ 00B2E0

■ 1FB9E0

■ 36BDE0

■ 4CC2E0

■ 63C6E0

■ 79CBE0

■ 8FD0E0

■ A6D4E0

■ BCD9E0

■ D3DDE0

Harmonies

Analogous

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



00B8C4



09B4E0



66ABED

Triad

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



09B4E0



E68AAD



9EAD64

Complementary

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



09B4E0



E03509

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.



C2A25E



09B4E0



EB8C89

Square

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



09B4E0



CE92CF



DD956C



74B57C

Rectangle

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



09B4E0



90A3EB



DD956C



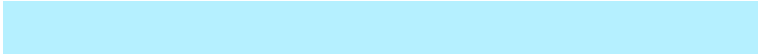
ABAA60

Sweetspot

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



09B4E0



B5F0FF



09E034



537680



000000



808080

Same Dimension

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



09B4E0



00CBFF



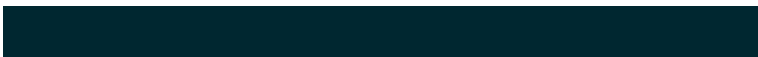
0949E0



656E70



008CB0



002730

Inverse Universe

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



E009B4



FF00CB



E0A009



70656E



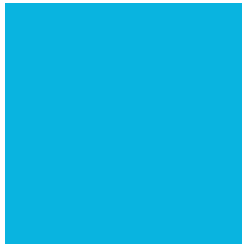
B0008C



300027

Previews

White Background



This preview shows how the Hex color 09B4E0 looks on a white background.

Color Contrast Check

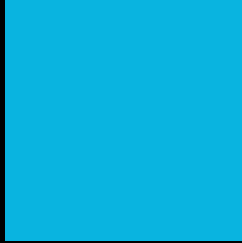
Large Text (above 18pt) WCAG AA × Fail

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 09B4E0 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 09B4E0 Background



This preview shows how black text looks on a background with the Hex color 09B4E0.

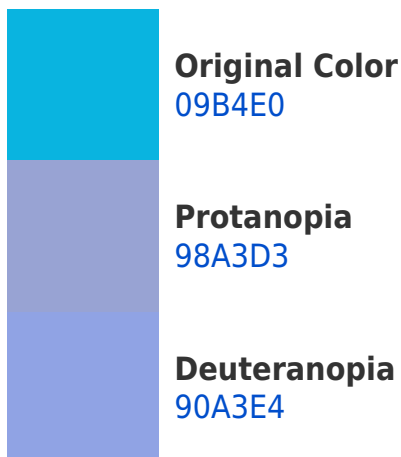


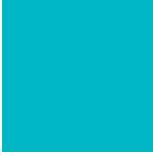
This preview shows how white text looks on a background with the Hex color 09B4E0.

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
00B7C5

Trichromacy



Original Color
09B4E0



Protanomaly
64A9D8



Deuteranomaly
5FA9E3



Tritanomaly
03B6CF

Monochromacy



Original Color
09B4E0



Achromatopsia
868686



Achromatomaly
5997A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 09B4E0 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 #09B4E0 looks like.

```
.text, #text, p{  
    color:#09B4E0  
}
```

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 #09B4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09B4E0
}
```

Border

The CSS property to change the border of an element to Hex 09B4E0 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
#09B4E0 }
```

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

```
.border{ border-color:#09B4E0 }
```

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

Here you see how a box with a 4 pixel #09B4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09B4E0; -webkit-box-shadow:4px 4px  
4px 4px #09B4E0; box-shadow:4px 4px 4px  
4px #09B4E0 }
```

Background

The CSS property to change the background color of an element to Hex 09B4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09B4E0 }
```

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

```
.background{ background-color:#09B4E0 }
```

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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