

Converting Colors

Hex(09ECA1)

Have a look what the booklet for
Hex(09ECA1) contains.

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Color

Hex(09ECA1)

Conversions

Conversions Part 1

Format	Color
Hex	09ECA1
RGB	9, 236, 161
RGB Percent	4%, 93%, 63%
CMY	0.9647, 0.0745, 0.3686
CMYK	0.96, 0.00, 0.32, 0.07
HSL	160°, 93%, 48%
HSV	160°, 96%, 93%
XYZ	36.5411, 62.6222, 43.8796
YIQ	159.5770, -111.2170, -71.4490

Conversions

Conversions Part 2

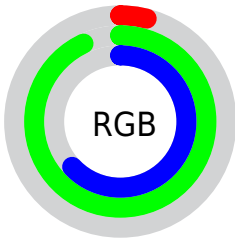
Format	Color
RYB	9, 145, 236
Decimal	650401
CIELab	83.24, -64.21, 23.38
CIELCh	83, 68.330, 159.991
Yxy	62.6222, 0.2555, 0.4378
Android (android.graphics.Color)	4278840481 (0xFF09ECA1)
YUV	159.5770, 0.7015, -132.0560
Hunter-Lab	79.1342, -56.0604, 22.5179

Details

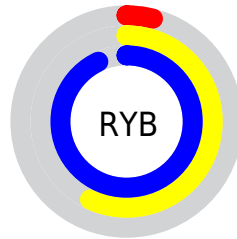
The Hex color **09ECA1** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EC0954**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **70FFD8**, and **00B36D** is the 20% darker color. If you saturate the color by 10%, you get **00EC9E**, and if you desaturate by 10%, it is **21ECA9**.

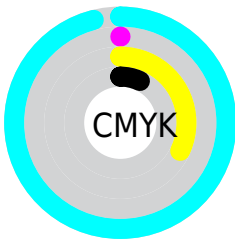
Distribution



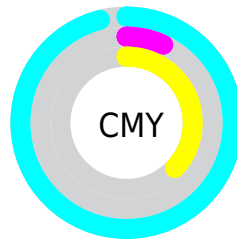
- Red (4%)
- Green (93%)
- Blue (63%)



- Red (4%)
- Yellow (57%)
- Blue (93%)



- Cyan (96%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)



- Cyan (96%)
- Magenta (7%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09ECA1 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 09ECA1 by changing the saturation by 10% instead.

 09ECA1

 09ECA1


FFFFFF

 00CF87

 70FFD8

 00B36D

 92FFF5

 009754

 B2FFFF

 007C3D

 D2FFFF

 006226

 F1FFFF

 004810

 003000

 001300

 000000

 09ECA1

 09ECA1

 00EC9E

 21ECA9

 38ECB1

 50ECB8

 67ECC0

 7FECC8

 97ECD0

 AEECD8

 C6ECDF

 DDECE7

Harmonies

Analogous

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



99E368



09ECA1



00EFE4

Triad

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



09ECA1



7FCFFF



FFA480

Complementary

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



09ECA1



EC0954

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.



FF96BC



09ECA1



EFB5FF

Square

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



09ECA1



00E2FF



FF9DFD



FFBC53

Rectangle

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



09ECA1



00EEFF



FF9DFD



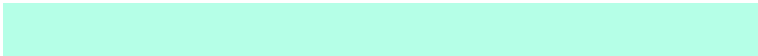
FF9D93

Sweetspot

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



09ECA1



B5FFE7



55EC09



538071



000000



808080

Same Dimension

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



09ECA1



00FFAB



09C6EC



6A7571



00B579



003624

Inverse Universe

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



EC0954



FF0054



EC2F09



756A6D



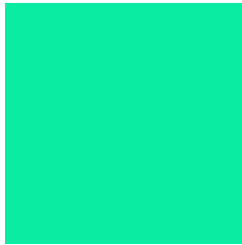
B5003C



360012

Previews

White Background



This preview shows how the Hex color 09ECA1 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 09ECA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

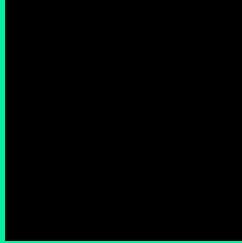
Any Text WCAG AA ✓ Pass

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 09ECA1 Background



This preview shows how black text looks on a background with the Hex color 09ECA1.

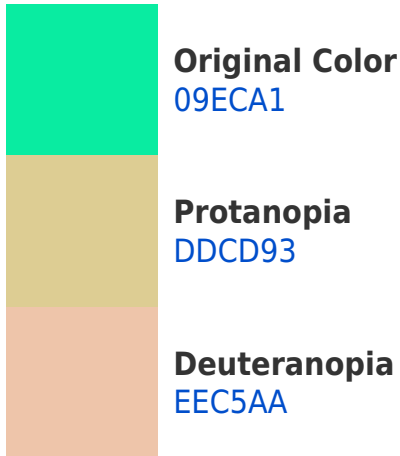


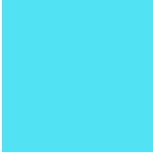
This preview shows how white text looks on a background with the Hex color 09ECA1.

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
51E2F4

Trichromacy



Original Color
09ECA1



Protanomaly
90D898

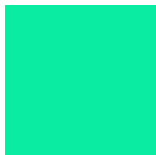


Deuteranomaly
9BD3A7



Tritanomaly
37E6D6

Monochromacy



Original Color
09ECA1



Achromatopsia
A0A0A0



Achromatomaly
69BCA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 09ECA1 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 #09ECA1 looks like.

```
.text, #text, p{  
    color:#09ECA1  
}
```

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 #09ECA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09ECA1
}
```

Border

The CSS property to change the border of an element to Hex 09ECA1 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
#09ECA1 }
```

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

```
.border{ border-color:#09ECA1 }
```

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

Here you see how a box with a 4 pixel #09ECA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09ECA1; -webkit-box-shadow:4px 4px  
4px 4px #09ECA1; box-shadow:4px 4px 4px  
4px #09ECA1 }
```

Background

The CSS property to change the background color of an element to Hex 09ECA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09ECA1 }
```

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

```
.background{ background-color:#09ECA1 }
```

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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