

Converting Colors

Hex(09DA92)

Have a look what the booklet for
Hex(09DA92) contains.

Hex(09DA92)	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(09DA92)

Conversions

Conversions Part 1

Format	Color
Hex	09DA92
RGB	9, 218, 146
RGB Percent	4%, 85%, 57%
CMY	0.9647, 0.1451, 0.4275
CMYK	0.96, 0.00, 0.33, 0.15
HSL	159°, 92%, 45%
HSV	159°, 96%, 85%
XYZ	30.3724, 52.2762, 35.6837
YIQ	147.3010, -101.4520, -66.7000

Conversions

Conversions Part 2

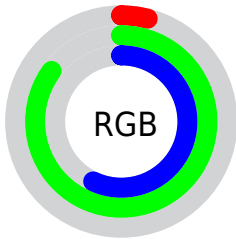
Format	Color
RYB	9, 135, 218
Decimal	645778
CIELab	77.45, -60.95, 23.22
CIELCh	77, 65.223, 159.142
Yxy	52.2762, 0.2567, 0.4418
Android (android.graphics.Color)	4278835858 (0xFF09DA92)
YUV	147.3010, -0.6414, -121.2900
Hunter-Lab	72.3023, -51.5457, 21.3500

Details

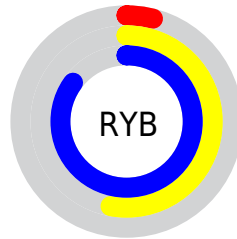
The Hex color **09DA92** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DA0951**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6BFFC8**, and **00A25F** is the 20% darker color. If you saturate the color by 10%, you get **00DA8F**, and if you desaturate by 10%, it is **1FDA9A**.

Distribution



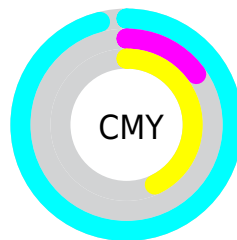
- Red (4%)
- Green (85%)
- Blue (57%)



- Red (4%)
- Yellow (53%)
- Blue (85%)



- Cyan (96%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)



- Cyan (96%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09DA92 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 09DA92 by changing the saturation by 10% instead.

 09DA92

 09DA92

FFFFFF

 00BD78

 6BFFC8

 00A25F

 8CFFE4

 008647

 ACFFFF

 006C30

 CBFFFF

 005219

 EAFFFF

 003A01

 002100

 000000

 09DA92

 09DA92

00DA8F

1FDA9A

35DAA1

4ADAA9

60DAB0

76DAB8

8CDABF

A2DAC7

B7DACE

CDDAD6

Harmonies

Analogous

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



8ED15C



09DA92



00DDD1

Triad

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



09DA92



6EC0FF



FF9676

Complementary

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



09DA92



DA0951

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.



FF89AF



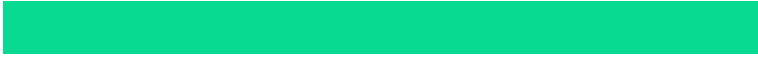
09DA92



DBA8FF

Square

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



09DA92



00D1FF



FF91EC



FFAD4B

Rectangle

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



09DA92



00DCF9



FF91EC



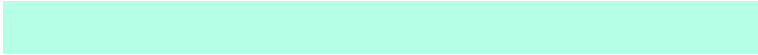
FF9088

Sweetspot

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



09DA92



B5FFE6



52DA09



538070



000000



808080

Same Dimension

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



09DA92



00FFA7



09BBDA



636E6A



00AD72



002E1E

Inverse Universe

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



DA0951



FF0058



DA2809



6E6366



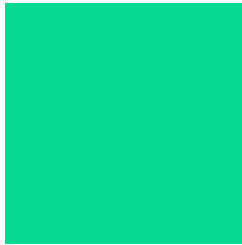
AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 09DA92 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 09DA92 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

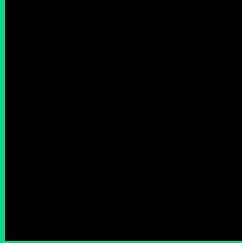
Any Text WCAG AA ✓ Pass

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 09DA92 Background



This preview shows how black text looks on a background with the Hex color 09DA92.

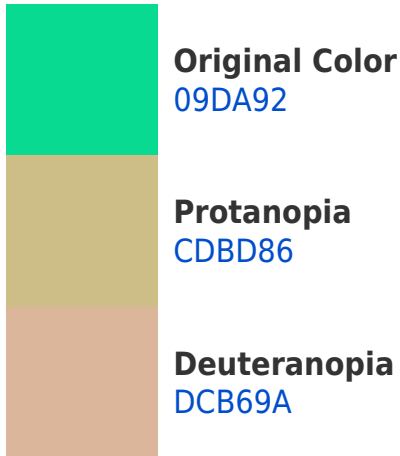


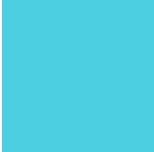
This preview shows how white text looks on a background with the Hex color 09DA92.

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
4CD0E1

Trichromacy



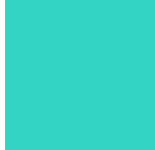
Original Color
09DA92



Protanomaly
86C88A



Deuteranomaly
8FC397



Tritanomaly
34D4C4

Monochromacy



Original Color
09DA92



Achromatopsia
939393



Achromatomaly
61AD93

CSS Examples

Text

The CSS property to change the color of the text to Hex 09DA92 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 #09DA92 looks like.

```
.text, #text, p{  
    color:#09DA92  
}
```

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 #09DA92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09DA92
}
```

Border

The CSS property to change the border of an element to Hex 09DA92 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
#09DA92 }
```

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

```
.border{ border-color:#09DA92 }
```

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

Here you see how a box with a 4 pixel #09DA92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09DA92; -webkit-box-shadow:4px 4px  
4px 4px #09DA92; box-shadow:4px 4px 4px  
4px #09DA92 }
```

Background

The CSS property to change the background color of an element to Hex 09DA92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09DA92 }
```

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

```
.background{ background-color:#09DA92 }
```

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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