

Converting Colors

Hex(09CC90)

Have a look what the booklet for
Hex(09CC90) contains.

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Color

Hex(09CC90)

Conversions

Conversions Part 1

Format	Color
Hex	09CC90
RGB	9, 204, 144
RGB Percent	4%, 80%, 56%
CMY	0.9647, 0.2000, 0.4353
CMYK	0.96, 0.00, 0.29, 0.20
HSL	162°, 92%, 42%
HSV	162°, 96%, 80%
XYZ	26.7396, 45.2574, 33.7118
YIQ	138.8550, -96.9600, -60.0000

Conversions

Conversions Part 2

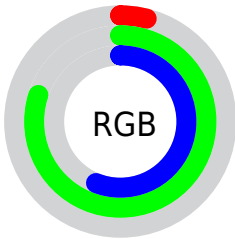
Format	Color
RYB	9, 124, 204
Decimal	642192
CIELab	73.06, -56.26, 18.25
CIELCh	73, 59.147, 162.026
Yxy	45.2574, 0.2530, 0.4281
Android (android.graphics.Color)	4278832272 (0xFF09CC90)
YUV	138.8550, 2.5365, -113.8828
Hunter-Lab	67.2736, -46.7796, 17.3805

Details

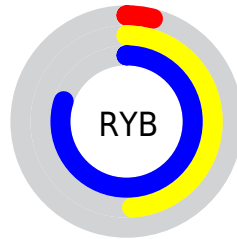
The Hex color **09CC90** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CC0945**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **67FFC6**, and **00945D** is the 20% darker color. If you saturate the color by 10%, you get **00CC8D**, and if you desaturate by 10%, it is **1DCC96**.

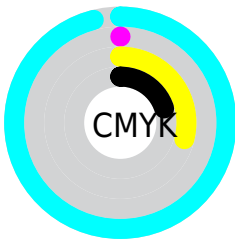
Distribution



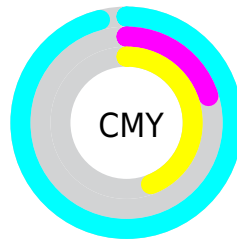
- Red (4%)
- Green (80%)
- Blue (56%)



- Red (4%)
- Yellow (49%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)



- Cyan (96%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09CC90 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 09CC90 by changing the saturation by 10% instead.

 09CC90

 09CC90

FFFFFF

 00B076

 67FFC6

 00945D

 88FFE2

 007A45

 A7FFFF

 00602F

 C6FFFF

 004619

 E4FFFF

 003000

 001300

 000000

 09CC90

 09CC90

00CC8D

1DCC96

32CC9D

46CCA3

5BCCA9

6FCCAF

83CCB6

98CCBC

ACCCC2

C1CCC8

Harmonies

Analogous

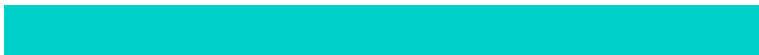
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81C55F



09CC90



00CEC8

Triad

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



09CC90



7AB2FF



FF906D

Complementary

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



09CC90



CC0945

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.



FF84A0



09CC90



D39CFF

Square

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



09CC90



00C2FF



FF89D6



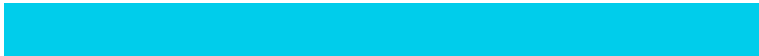
EDA54A

Rectangle

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



09CC90



00CDEB



FF89D6



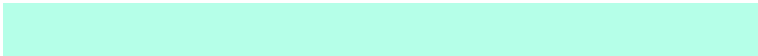
FF8B7D

Sweetspot

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



09CC90



B5FFE8



47CC09



538072



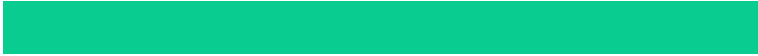
000000



808080

Same Dimension

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



09CC90



00FFB1



09A8CC



5C6663



00A673



00261A

Inverse Universe

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



CC0945



FF004E



CC2D09



665C5F



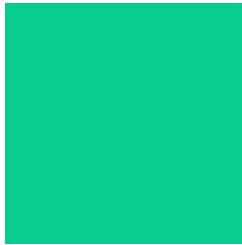
A60033



26000C

Previews

White Background



This preview shows how the Hex color 09CC90 looks on a white background.

Color Contrast Check

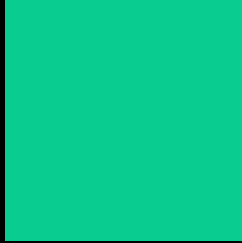
Large Text (above 18pt) WCAG AA × Fail

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 09CC90 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 09CC90 Background



This preview shows how black text looks on a background with the Hex color 09CC90.



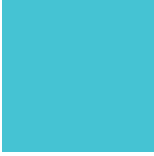
This preview shows how white text looks on a background with the Hex color 09CC90.

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
45C3D3

Trichromacy



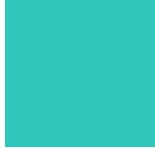
Original Color
09CC90



Protanomaly
7DBB88



Deuteranomaly
85B794



Tritanomaly
2FC6BB

Monochromacy



Original Color
09CC90



Achromatopsia
8B8B8B



Achromatomaly
5CA38D

CSS Examples

Text

The CSS property to change the color of the text to Hex 09CC90 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 #09CC90 looks like.

```
.text, #text, p{  
    color:#09CC90  
}
```

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 #09CC90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09CC90
}
```

Border

The CSS property to change the border of an element to Hex 09CC90 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
#09CC90 }
```

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

```
.border{ border-color:#09CC90 }
```

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

Here you see how a box with a 4 pixel #09CC90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09CC90; -webkit-box-shadow:4px 4px  
4px 4px #09CC90; box-shadow:4px 4px 4px  
4px #09CC90 }
```

Background

The CSS property to change the background color of an element to Hex 09CC90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09CC90 }
```

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

```
.background{ background-color:#09CC90 }
```

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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