

Converting Colors

Hex(10ECA9)

Have a look what the booklet for
Hex(10ECA9) contains.

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Color

Hex(10ECA9)

Conversions

Conversions Part 1

Format	Color
Hex	10ECA9
RGB	16, 236, 169
RGB Percent	6%, 93%, 66%
CMY	0.9373, 0.0745, 0.3373
CMYK	0.93, 0.00, 0.28, 0.07
HSL	162°, 87%, 49%
HSV	162°, 93%, 93%
XYZ	37.3706, 62.9656, 47.7201
YIQ	162.5820, -109.6130, -67.4770

Conversions

Conversions Part 2

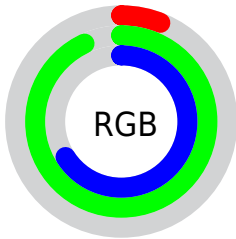
Format	Color
RYB	16, 146, 236
Decimal	1109161
CIELab	83.42, -62.26, 19.50
CIELCh	83, 65.239, 162.606
Yxy	62.9656, 0.2524, 0.4253
Android (android.graphics.Color)	4279299241 (0xFF10ECA9)
YUV	162.5820, 3.1641, -128.5524
Hunter-Lab	79.3509, -54.7989, 19.8898

Details

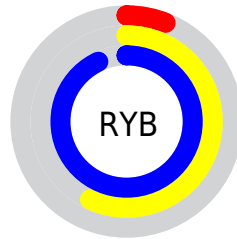
The Hex color **10ECA9** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EC1053**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **71FFE0**, and **00B375** is the 20% darker color. If you saturate the color by 10%, you get **00ECA4**, and if you desaturate by 10%, it is **28ECB0**.

Distribution



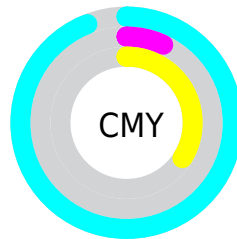
- Red (6%)
- Green (93%)
- Blue (66%)



- Red (6%)
- Yellow (57%)
- Blue (93%)



- Cyan (93%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)



- Cyan (94%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10ECA9 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 10ECA9 by changing the saturation by 10% instead.

 10ECA9


 10ECA9

FFFFFF

 00CF8E

 71FFE0

 00B375

 93FFFD

 00975C

 B3FFFF

 007C44

 D3FFFF

 00622D

 F3FFFF

 004818

 003100

 001400

 000000

 10ECA9

 10ECA9

 00ECA4

 28ECB0

 3FECB7

 57ECBF

 6EECC6

 86ECCD

 9EECD4

 B5ECDB

 CDECE2

 E4ECEA

Harmonies

Analogous

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



96E471



10ECA9



00EFE9

Triad

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



10ECA9



93CEFF



FFA97F

Complementary

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



10ECA9



EC1053

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.



FF9AB8



10ECA9



F6B5FF

Square

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



10ECA9



00E0FF



FFA0F6



FFC058

Rectangle

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



10ECA9



00EDFF



FFA0F6



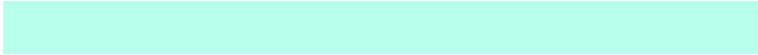
FFA291

Sweetspot

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



10ECA9



B8FFE9



56EC10



548072



000000



808080

Same Dimension

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



10ECA9



00FFB1



10C4EC



6A7572



00B57E



003625

Inverse Universe

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



EC1053



FF004E



EC3810



756A6D



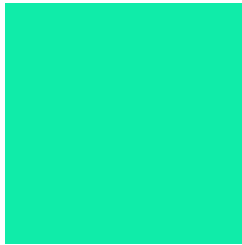
B50037



360010

Previews

White Background



This preview shows how the Hex color 10ECA9 looks on a white background.

Color Contrast Check

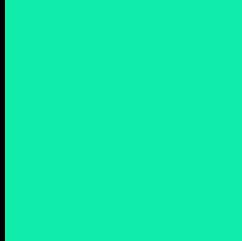
Large Text (above 18pt) WCAG AA × Fail

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 10ECA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

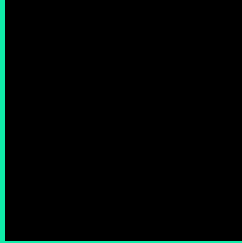
Any Text WCAG AA ✓ Pass

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 10ECA9 Background



This preview shows how black text looks on a background with the Hex color 10ECA9.

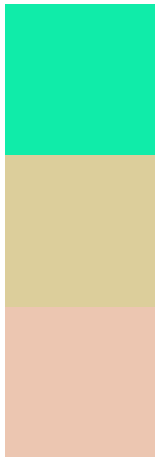


This preview shows how white text looks on a background with the Hex color 10ECA9.

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](#).

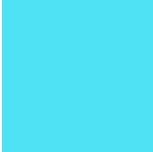
Dichromacy



Original Color
10ECA9

Protanopia
DCCE9B

Deuteranopia
ECC6B1



Tritanopia
4FE2F5

Trichromacy



Original Color
10ECA9



Protanomaly
92D9A0



Deuteranomaly
9CD4AE

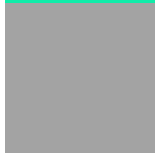


Tritanomaly
38E6D9

Monochromacy



Original Color
10ECA9



Achromatopsia
A3A3A3



Achromatomaly
6EBEA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 10ECA9 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 #10ECA9 looks like.

```
.text, #text, p{  
    color:#10ECA9  
}
```

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 #10ECA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10ECA9
}
```

Border

The CSS property to change the border of an element to Hex 10ECA9 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
#10ECA9 }
```

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

```
.border{ border-color:#10ECA9 }
```

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

Here you see how a box with a 4 pixel #10ECA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10ECA9; -webkit-box-shadow:4px 4px  
4px 4px #10ECA9; box-shadow:4px 4px 4px  
4px #10ECA9 }
```

Background

The CSS property to change the background color of an element to Hex 10ECA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10ECA9 }
```

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

```
.background{ background-color:#10ECA9 }
```

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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