

Converting Colors

Hex(10E19E)

Have a look what the booklet for
Hex(10E19E) contains.

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Color

Hex(10E19E)

Conversions

Conversions Part 1

Format	Color
Hex	10E19E
RGB	16, 225, 158
RGB Percent	6%, 88%, 62%
CMY	0.9373, 0.1176, 0.3804
CMYK	0.93, 0.00, 0.30, 0.12
HSL	161°, 87%, 47%
HSV	161°, 93%, 88%
XYZ	33.3105, 56.4292, 41.4840
YIQ	154.8710, -103.0570, -65.1450

Conversions

Conversions Part 2

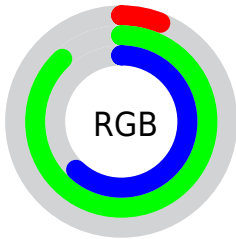
Format	Color
RYB	16, 140, 225
Decimal	1106334
CIELab	79.86, -60.66, 20.28
CIELCh	80, 63.959, 161.512
Yxy	56.4292, 0.2538, 0.4300
Android (android.graphics.Color)	4279296414 (0xFF10E19E)
YUV	154.8710, 1.5426, -121.7899
Hunter-Lab	75.1194, -52.3060, 19.8412

Details

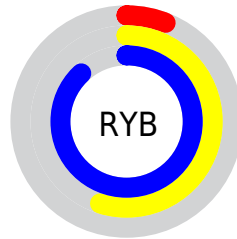
The Hex color **10E19E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E11053**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6EFFD5**, and **00A86A** is the 20% darker color. If you saturate the color by 10%, you get **00E199**, and if you desaturate by 10%, it is **27E1A5**.

Distribution



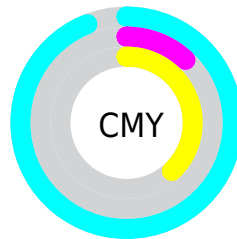
- Red (6%)
- Green (88%)
- Blue (62%)



- Red (6%)
- Yellow (55%)
- Blue (88%)



- Cyan (93%)
- Magenta (0%)
- Yellow (30%)
- Black (12%)



- Cyan (94%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10E19E 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 10E19E by changing the saturation by 10% instead.

 10E19E

 10E19E

FFFFFF

 00C484

 6EFFF5

 00A86A

 8FFFF1

 008D52

 AFFFFF

 00723A

 CFFFFF

 005824

 EFFFFF

 003F0F

 002800

 000000

 10E19E

 10E19E

■ 00E199

■ 27E1A5

■ 3DE1AC

■ 54E1B4

■ 6AE1BB

■ 81E1C2

■ 97E1C9

■ ADE1D0

■ C4E1D8

■ DBE1DF

Harmonies

Analogous

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



90D968



10E19E



00E4DC

Triad

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



10E19E



85C5FF



FF9F7A

Complementary

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



10E19E



E11053

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.



FF91B1



10E19E



E8ADFF

Square

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



10E19E



00D7FF



FF97ED



FFB652

Rectangle

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



10E19E



00E2FF



FF97ED



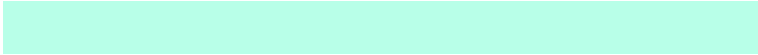
FF998B

Sweetspot

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



10E19E



B8FFE8



56E110



548072



000000



808080

Same Dimension

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



10E19E



00FFAD



10BEE1



65706D



00B078



003021

Inverse Universe

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



E11053



FF0052



E13310



706569



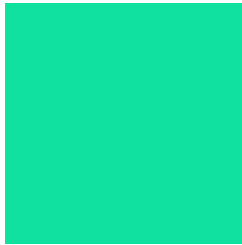
B00038



300010

Previews

White Background



This preview shows how the Hex color 10E19E 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 10E19E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

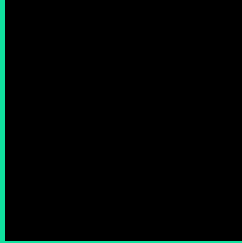
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

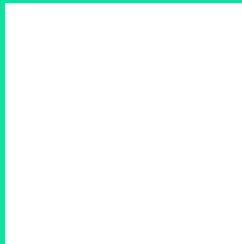
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 10E19E Background



This preview shows how black text looks on a background with the Hex color 10E19E.

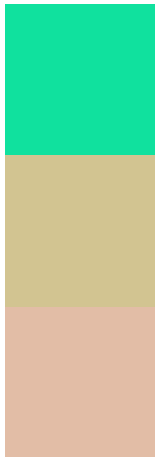


This preview shows how white text looks on a background with the Hex color 10E19E.

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](#).

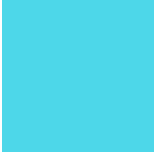
Dichromacy



Original Color
10E19E

Protanopia
D2C491

Deuteranopia
E2BDA6



Tritanopia
4DD7E9

Trichromacy



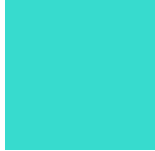
Original Color
10E19E



Protanomaly
8BCF96



Deuteranomaly
96CAA3

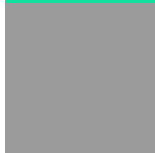


Tritanomaly
37DBCE

Monochromacy



Original Color
10E19E



Achromatopsia
9B9B9B



Achromatomaly
68B49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 10E19E 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 #10E19E looks like.

```
.text, #text, p{  
    color:#10E19E  
}
```

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 #10E19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10E19E
}
```

Border

The CSS property to change the border of an element to Hex 10E19E 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
#10E19E }
```

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

```
.border{ border-color:#10E19E }
```

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

Here you see how a box with a 4 pixel #10E19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10E19E; -webkit-box-shadow:4px 4px  
4px 4px #10E19E; box-shadow:4px 4px 4px  
4px #10E19E }
```

Background

The CSS property to change the background color of an element to Hex 10E19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10E19E }
```

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

```
.background{ background-color:#10E19E }
```

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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