

Converting Colors

Hex(19E6AF)

Have a look what the booklet for
Hex(19E6AF) contains.

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Color

Hex(19E6AF)

Conversions

Conversions Part 1

Format	Color
Hex	19E6AF
RGB	25, 230, 175
RGB Percent	10%, 90%, 69%
CMY	0.9020, 0.0980, 0.3137
CMYK	0.89, 0.00, 0.24, 0.10
HSL	164°, 80%, 50%
HSV	164°, 89%, 90%
XYZ	36.4356, 59.8954, 50.1981
YIQ	162.4350, -104.5250, -60.5650

Conversions

Conversions Part 2

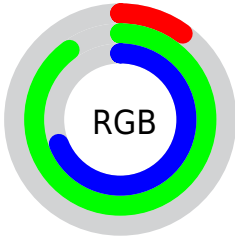
Format	Color
RYB	25, 143, 230
Decimal	1697455
CIELab	81.78, -58.25, 14.08
CIElCh	82, 59.933, 166.408
Yxy	59.8954, 0.2487, 0.4088
Android (android.graphics.Color)	4279887535 (0xFF19E6AF)
YUV	162.4350, 6.1945, -120.5305
Hunter-Lab	77.3921, -51.3999, 15.7178

Details

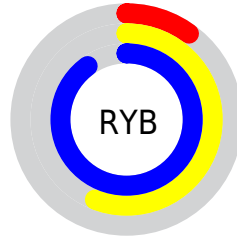
The Hex color **19E6AF** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E61950**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **72FFE7**, and **00AD7A** is the 20% darker color. If you saturate the color by 10%, you get **02E6A9**, and if you desaturate by 10%, it is **30E6B5**.

Distribution



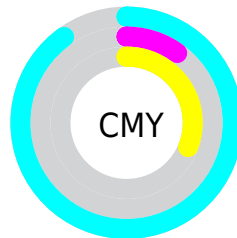
- Red (10%)
- Green (90%)
- Blue (69%)



- Red (10%)
- Yellow (56%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (90%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19E6AF 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 19E6AF by changing the saturation by 10% instead.

 19E6AF

 19E6AF

FFFFFF

 00C994

 72FFE7

 00AD7A

 94FFFF

 009262

 B3FFFF

 00774A

 D3FFFF

 005D33

 F2FFFF

 00441D

 002D06

 000C00

 000000

 19E6AF

 19E6AF

 02E6A9

 30E6B5

 00E6A8

 47E6BB

 5EE6C2

 75E6C8

 8CE6CE

 A3E6D4

 BAE6DA

 D1E6E0

 E8E6E7

Harmonies

Analogous

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



8EDF7B



19E6AF



00E8E9

Triad

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



19E6AF



A4C7FF



FFAA7C

Complementary

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



19E6AF



E61950

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.



FF9CAF



19E6AF



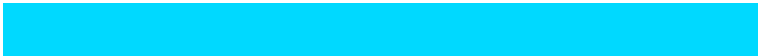
F7B0FF

Square

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



19E6AF



00D9FF



FF9FE7



FFBF5C

Rectangle

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



19E6AF



00E6FF



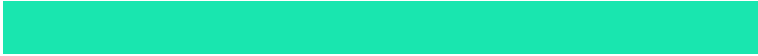
FF9FE7



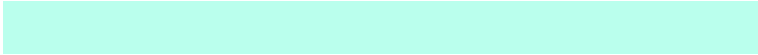
FFA48C

Sweetspot

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



19E6AF



BAFFED



53E619



578075



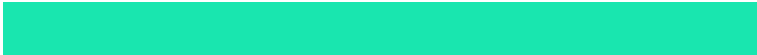
000000



808080

Same Dimension

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



19E6AF



00FFBB



19BAE6



677370



00B383



003325

Inverse Universe

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



E61950



FF0044



E64519



73676A



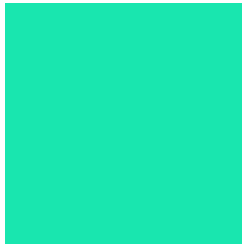
B30030



33000E

Previews

White Background



This preview shows how the Hex color 19E6AF 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 19E6AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

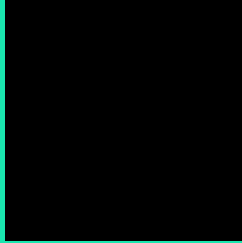
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

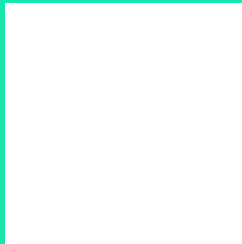
Any Text WCAG AAA ✓ Pass

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

Hex 19E6AF Background



This preview shows how black text looks on a background with the Hex color 19E6AF.

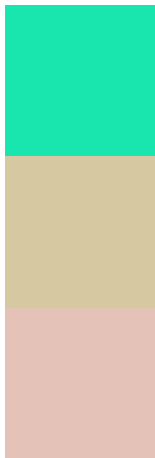


This preview shows how white text looks on a background with the Hex color 19E6AF.

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](#).

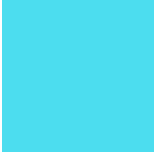
Dichromacy



Original Color
19E6AF

Protanopia
D6C9A1

Deuteranopia
E4C2B7



Tritanopia
4CDDEF

Trichromacy



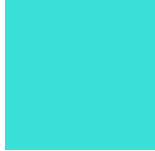
Original Color
19E6AF



Protanomaly
91D4A6



Deuteranomaly
9ACFB4

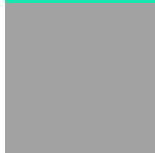


Tritanomaly
39E0D8

Monochromacy



Original Color
19E6AF



Achromatopsia
A2A2A2



Achromatomaly
70BBA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 19E6AF 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 #19E6AF looks like.

```
.text, #text, p{  
    color:#19E6AF  
}
```

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 #19E6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19E6AF
}
```

Border

The CSS property to change the border of an element to Hex 19E6AF 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
#19E6AF }
```

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

```
.border{ border-color:#19E6AF }
```

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

Here you see how a box with a 4 pixel #19E6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19E6AF; -webkit-box-shadow:4px 4px  
4px 4px #19E6AF; box-shadow:4px 4px 4px  
4px #19E6AF }
```

Background

The CSS property to change the background color of an element to Hex 19E6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19E6AF }
```

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

```
.background{ background-color:#19E6AF }
```

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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