

Converting Colors

Hex(19E6B6)

Have a look what the booklet for
Hex(19E6B6) contains.

Hex(19E6B6)	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(19E6B6)

Conversions

Conversions Part 1

Format	Color
Hex	19E6B6
RGB	25, 230, 182
RGB Percent	10%, 90%, 71%
CMY	0.9020, 0.0980, 0.2863
CMYK	0.89, 0.00, 0.21, 0.10
HSL	166°, 80%, 50%
HSV	166°, 89%, 90%
XYZ	37.1412, 60.1777, 53.9139
YIQ	163.2330, -106.7720, -58.3880

Conversions

Conversions Part 2

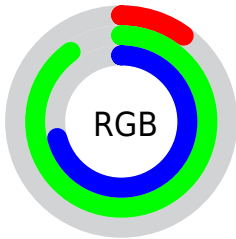
Format	Color
RYB	25, 141, 230
Decimal	1697462
CIELab	81.93, -56.59, 10.63
CIElCh	82, 57.575, 169.363
Yxy	60.1777, 0.2456, 0.3979
Android (android.graphics.Color)	4279887542 (0xFF19E6B6)
YUV	163.2330, 9.2521, -121.2303
Hunter-Lab	77.5743, -50.2923, 13.0956

Details

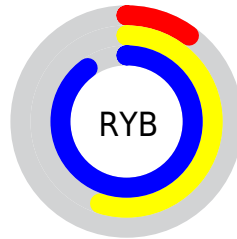
The Hex color **19E6B6** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E61949**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **73FFEE**, and **00AD81** is the 20% darker color. If you saturate the color by 10%, you get **02E6B1**, and if you desaturate by 10%, it is **30E6BB**.

Distribution



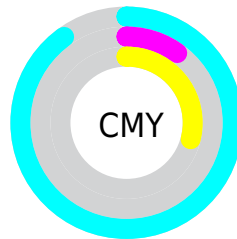
- Red (10%)
- Green (90%)
- Blue (71%)



- Red (10%)
- Yellow (55%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (90%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19E6B6 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 19E6B6 by changing the saturation by 10% instead.

 19E6B6

 19E6B6

FFFFFF

 00C99B

 73FFEE

 00AD81

 94FFFF

 009268

 B4FFFF

 007750

 D3FFFF

 005D39

 F3FFFF

 004423

 002D0E

 000D00

 000000

 19E6B6

 19E6B6

 02E6B1

 30E6BB

 00E6B0

 47E6C1

 5EE6C6

 75E6CC

 8CE6D1

 A3E6D6

 BAE6DC

 D1E6E1

 E8E6E6

Harmonies

Analogous

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



8BE083



19E6B6



00E7EE

Triad

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



19E6B6



B1C5FF



FFAE7C

Complementary

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



19E6B6



E61949

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.



FFA0AB



19E6B6



FCB0FF

Square

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



19E6B6



20D7FF



FFA0E1



FCC25F

Rectangle

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



19E6B6



00E5FF



FFA0E1



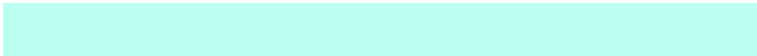
FFA88A

Sweetspot

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



19E6B6



BAFFEF



4CE619



578076



000000



808080

Same Dimension

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



19E6B6



00FFC3



19B3E6



677370



00B389



003327

Inverse Universe

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



E61949



FF003C



E64C19



73676A



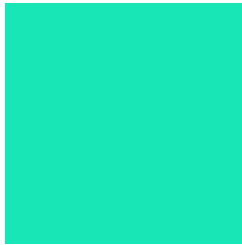
B3002A



33000C

Previews

White Background



This preview shows how the Hex color 19E6B6 looks on a white background.

Color Contrast Check

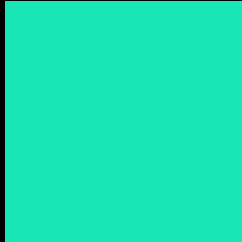
Large Text (above 18pt) WCAG AA × Fail

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 19E6B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

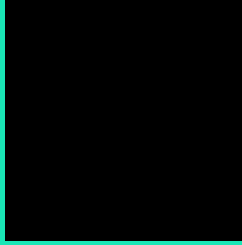
Any Text WCAG AA ✓ Pass

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 19E6B6 Background



This preview shows how black text looks on a background with the Hex color 19E6B6.



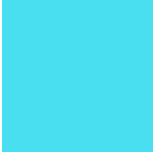
This preview shows how white text looks on a background with the Hex color 19E6B6.

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



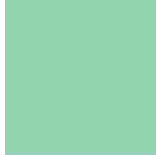


Tritanopia
49DEF0

Trichromacy



Original Color
19E6B6



Protanomaly
91D4AD



Deuteranomaly
99D0BB

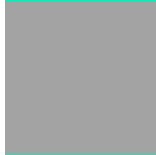


Tritanomaly
38E1DB

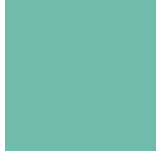
Monochromacy



Original Color
19E6B6



Achromatopsia
A3A3A3



Achromatomaly
71BBAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 19E6B6 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 #19E6B6 looks like.

```
.text, #text, p{  
    color:#19E6B6  
}
```

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 #19E6B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19E6B6
}
```

Border

The CSS property to change the border of an element to Hex 19E6B6 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
#19E6B6 }
```

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

```
.border{ border-color:#19E6B6 }
```

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

Here you see how a box with a 4 pixel #19E6B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19E6B6; -webkit-box-shadow:4px 4px  
4px 4px #19E6B6; box-shadow:4px 4px 4px  
4px #19E6B6 }
```

Background

The CSS property to change the background color of an element to Hex 19E6B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19E6B6 }
```

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

```
.background{ background-color:#19E6B6 }
```

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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