

Converting Colors

Hex(13C190)

Have a look what the booklet for
Hex(13C190) contains.

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Color

Hex(13C190)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 13C190 |
| RGB | 19, 193, 144 |
| RGB Percent | 7%, 76%, 56% |
| CMY | 0.9255, 0.2431, 0.4353 |
| CMYK | 0.90, 0.00, 0.25, 0.24 |
| HSL | 163°, 82%, 42% |
| HSV | 163°, 90%, 76% |
| XYZ | 24.3726, 40.2920, 32.8781 |
| YIQ | 135.3880, -87.9750, -52.1270 |

Conversions

Conversions Part 2

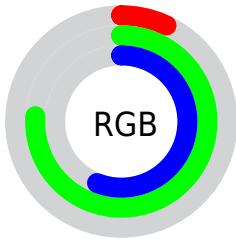
| Format | Color |
|-------------------------------------|---|
| RYB | 19, 120, 193 |
| Decimal | 1294736 |
| CIELab | 69.68, -51.64, 13.54 |
| CIELCh | 70, 53.387, 165.306 |
| Yxy | 40.2920, 0.2499, 0.4131 |
| Android (android.graphics.Color) | 4279484816 (0xFF13C190) |
| YUV | 135.3880, 4.2457, -102.0723 |
| Hunter-Lab | 63.4760, -42.5452, 13.7232 |

Details

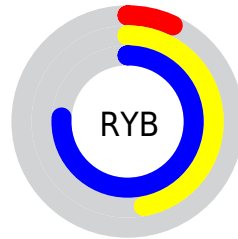
The Hex color **13C190** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C11344**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **67FAC6**, and **008A5E** is the 20% darker color. If you saturate the color by 10%, you get **00C18B**, and if you desaturate by 10%, it is **26C195**.

Distribution



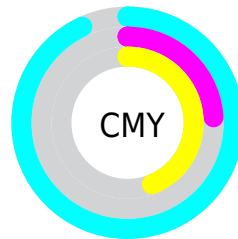
- Red (7%)
- Green (76%)
- Blue (56%)



- Red (7%)
- Yellow (47%)
- Blue (76%)



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (93%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C190 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 13C190 by changing the saturation by 10% instead.

 13C190

 13C190

FFFFFF

 00A576

 67FAC6

 008A5E

 86FFE2

 007046

 A5FFFF

 00562F

 C3FFFF

 003D1A

 E2FFFF

 002700

 000000

 13C190

 13C190

 00C18B

 26C195

 3AC19B

 4DC1A0

 60C1A6

 73C1AB

 87C1B1

 9AC1B6

 ADC1BB

 C1C1C1

Harmonies

Analogous

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



78BB63



13C190



00C3C2

Triad

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



13C190



85A7FF



F98D67

Complementary

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



13C190



C11344

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.



FF8193



13C190



CD94EF

Square

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



13C190



00B6FF



F784C4



DA9F4A

Rectangle

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



13C190



00C1E1



F784C4



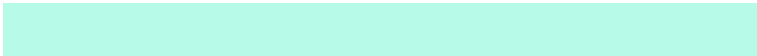
FF8875

Sweetspot

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



13C190



B6FAE7



44C113



557D72



FCFCFC



7D7D7D

Same Dimension

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



13C190



00FAB4



139BC1



57615E



00A173



002118

Inverse Universe

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



C11344



FA0046



C13913



61575A



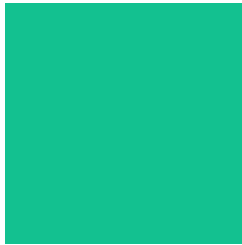
A1002D



210009

Previews

White Background



This preview shows how the Hex color 13C190 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 13C190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

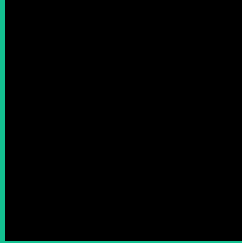
Any Text WCAG AA ✓ Pass

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 13C190 Background



This preview shows how black text looks on a background with the Hex color 13C190.

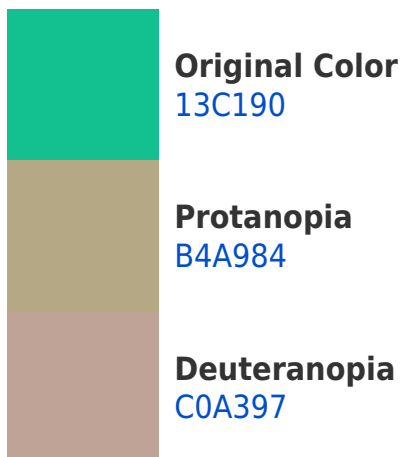


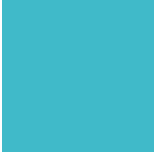
This preview shows how white text looks on a background with the Hex color 13C190.

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
40BAC9

Trichromacy



Original Color
13C190



Protanomaly
79B288



Deuteranomaly
81AE94



Tritanomaly
30BDB4

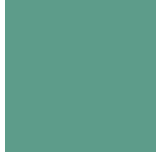
Monochromacy



Original Color
13C190



Achromatopsia
878787



Achromatomaly
5D9C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C190 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 #13C190 looks like.

```
.text, #text, p{  
    color:#13C190  
}
```

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 #13C190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C190
}
```

Border

The CSS property to change the border of an element to Hex 13C190 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
#13C190 }
```

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

```
.border{ border-color:#13C190 }
```

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

Here you see how a box with a 4 pixel #13C190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C190; -webkit-box-shadow:4px 4px  
4px 4px #13C190; box-shadow:4px 4px 4px  
4px #13C190 }
```

Background

The CSS property to change the background color of an element to Hex 13C190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C190 }
```

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

```
.background{ background-color:#13C190 }
```

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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