

Converting Colors

Hex(13C16B)

Have a look what the booklet for
Hex(13C16B) contains.

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Color

Hex(**13C16B**)

Conversions

Conversions Part 1

Format	Color
Hex	13C16B
RGB	19, 193, 107
RGB Percent	7%, 76%, 42%
CMY	0.9255, 0.2431, 0.5804
CMYK	0.90, 0.00, 0.45, 0.24
HSL	150°, 82%, 42%
HSV	150°, 90%, 76%
XYZ	21.9924, 39.3399, 20.3442
YIQ	131.1700, -76.0980, -63.6340

Conversions

Conversions Part 2

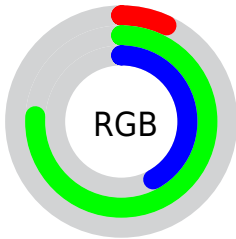
Format	Color
RYB	19, 135, 193
Decimal	1294699
CIELab	69.00, -59.41, 32.21
CIELCh	69, 67.575, 151.535
Yxy	39.3399, 0.2693, 0.4817
Android (android.graphics.Color)	4279484779 (0xFF13C16B)
YUV	131.1700, -11.9158, -98.3731
Hunter-Lab	62.7215, -47.1743, 24.6740

Details

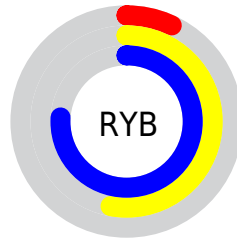
The Hex color **13C16B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C11369**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **66FB9F**, and **008A3A** is the 20% darker color. If you saturate the color by 10%, you get **00C162**, and if you desaturate by 10%, it is **26C175**.

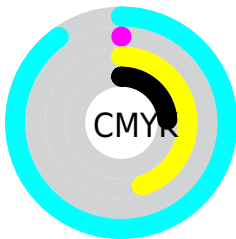
Distribution



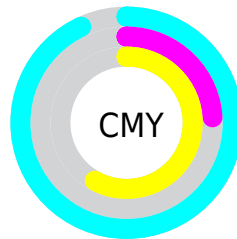
- Red (7%)
- Green (76%)
- Blue (42%)



- Red (7%)
- Yellow (53%)
- Blue (76%)



- Cyan (90%)
- Magenta (0%)
- Yellow (45%)
- Black (24%)



- Cyan (93%)
- Magenta (24%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C16B 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 13C16B by changing the saturation by 10% instead.

 13C16B

 13C16B


FFFFFF

 00A552

 66FB9F

 008A3A

 86FFBB

 006F22

 A4FFD7

 005608

 C3FFF3

 003D00

 E1FFFF

 002500

 000000

 13C16B

 13C16B

 00C162

 26C175

 3AC17E

 4DC188

 60C191

 73C19B

 87C1A4

 9AC1AE

 ADC1B7

 C1C1C1

Harmonies

Analogous

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



87B736



13C16B



00C5AA

Triad

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



13C16B



00AEFF



FF776C

Complementary

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



13C16B



C11369

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.



FF6DA8



13C16B



AD97FF

Square

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



13C16B



00BEFF



F57CE4



F58F3A

Rectangle

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



13C16B



00C5D4



F57CE4



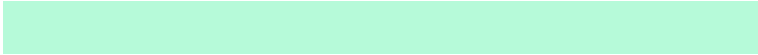
FF717F

Sweetspot

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



13C16B



B6FAD9



6AC113



557D69



FCFCFC



7D7D7D

Same Dimension

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



13C16B



00FA7E



13C1C1



57615C



00A151



002111

Inverse Universe

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



C11369



FA007C



C11313



61575C



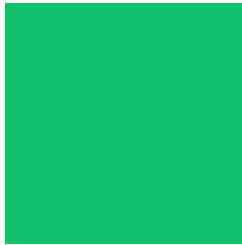
A1004F



210010

Previews

White Background



This preview shows how the Hex color 13C16B looks on a white background.

Color Contrast Check

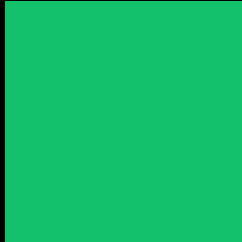
Large Text (above 18pt) WCAG AA × Fail

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 13C16B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

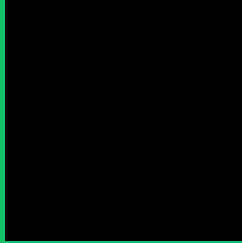
Any Text WCAG AA ✓ Pass

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 13C16B Background



This preview shows how black text looks on a background with the Hex color 13C16B.

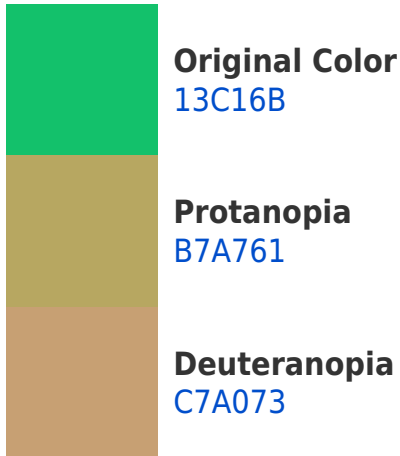


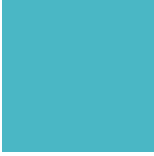
This preview shows how white text looks on a background with the Hex color 13C16B.

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
4AB7C5

Trichromacy



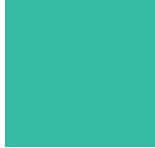
Original Color
13C16B



Protanomaly
7BB065



Deuteranomaly
86AC70



Tritanomaly
36BBA4

Monochromacy



Original Color
13C16B



Achromatopsia
838383



Achromatomaly
5A9A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C16B 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 #13C16B looks like.

```
.text, #text, p{  
    color:#13C16B  
}
```

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 #13C16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C16B
}
```

Border

The CSS property to change the border of an element to Hex 13C16B 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
#13C16B }
```

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

```
.border{ border-color:#13C16B }
```

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

Here you see how a box with a 4 pixel #13C16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C16B; -webkit-box-shadow:4px 4px  
4px 4px #13C16B; box-shadow:4px 4px 4px  
4px #13C16B }
```

Background

The CSS property to change the background color of an element to Hex 13C16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C16B }
```

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

```
.background{ background-color:#13C16B }
```

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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