

Converting Colors

Hex(13C072)

Have a look what the booklet for
Hex(13C072) contains.

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Color

Hex(13C072)

Conversions

Conversions Part 1

Format	Color
Hex	13C072
RGB	19, 192, 114
RGB Percent	7%, 75%, 45%
CMY	0.9255, 0.2471, 0.5529
CMYK	0.90, 0.00, 0.41, 0.25
HSL	153°, 82%, 41%
HSV	153°, 90%, 75%
XYZ	22.1555, 39.0526, 22.2898
YIQ	131.3810, -78.0700, -60.9340

Conversions

Conversions Part 2

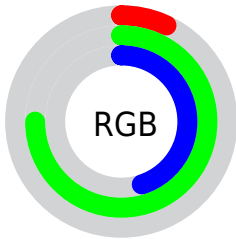
Format	Color
RYB	19, 131, 192
Decimal	1294450
CIELab	68.79, -57.75, 28.32
CIELCh	69, 64.323, 153.882
Yxy	39.0526, 0.2653, 0.4677
Android (android.graphics.Color)	4279484530 (0xFF13C072)
YUV	131.3810, -8.5688, -98.5581
Hunter-Lab	62.4921, -46.0772, 22.5968

Details

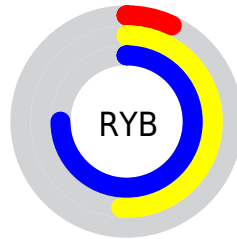
The Hex color **13C072** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C01361**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66FAA7**, and **008941** is the 20% darker color. If you saturate the color by 10%, you get **00C069**, and if you desaturate by 10%, it is **26C07B**.

Distribution



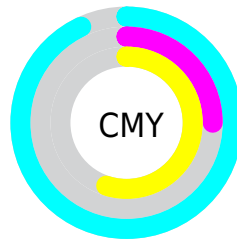
- Red (7%)
- Green (75%)
- Blue (45%)



- Red (7%)
- Yellow (51%)
- Blue (75%)



- Cyan (90%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (93%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C072 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 13C072 by changing the saturation by 10% instead.

 13C072

 13C072

FFFFFF

 00A459

 66FAA7

 008941

 85FFC2

 006F29

 A4FFDE

 005512

 C2FFFB

 003C00

 E1FFFF

 002500

 000000

 13C072

 13C072

 00C069

 26C07B

 39C083

 4DC08C

 60C095

 73C09D

 86C0A6

 99C0AF

 ADC0B7

 C0C0C0

Harmonies

Analogous

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



83B73F



13C072



00C4AE

Triad

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



13C072



20ACFF



FF7B6A

Complementary

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



13C072



C01361

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.



FF71A3



13C072



B395FF

Square

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



13C072



00BBFF



F47DDC



EE923C

Rectangle

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



13C072



00C4D5



F47DDC



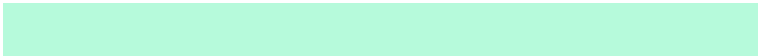
FF767C

Sweetspot

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



13C072



B6FADB



64C013



557D6B



FCFCFC



7D7D7D

Same Dimension

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



13C072



00FA89



13BAC0



57615D



00A158



002112

Inverse Universe

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



C01361



FA0071



C01913



61575C



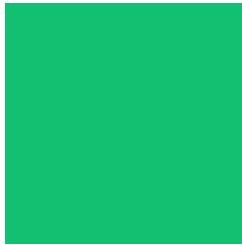
A10048



21000F

Previews

White Background



This preview shows how the Hex color 13C072 looks on a white background.

Color Contrast Check

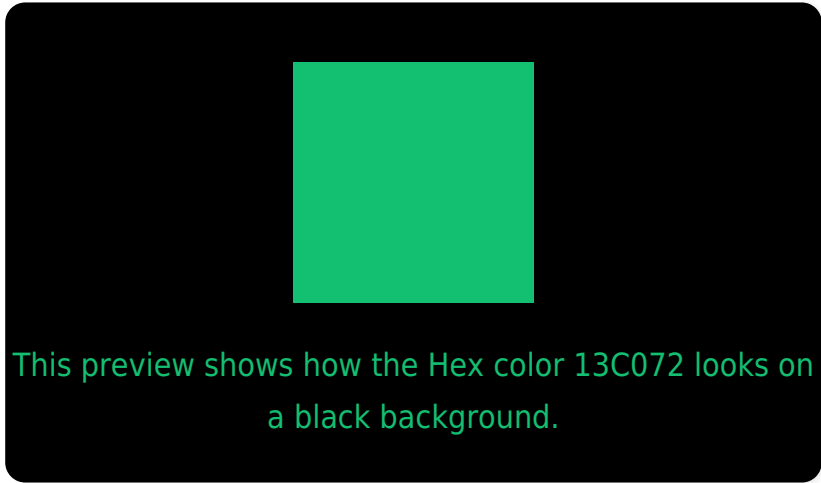
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

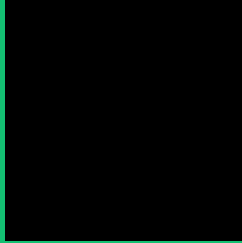
Any Text WCAG AA ✓ Pass

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 13C072 Background



This preview shows how black text looks on a background with the Hex color 13C072.

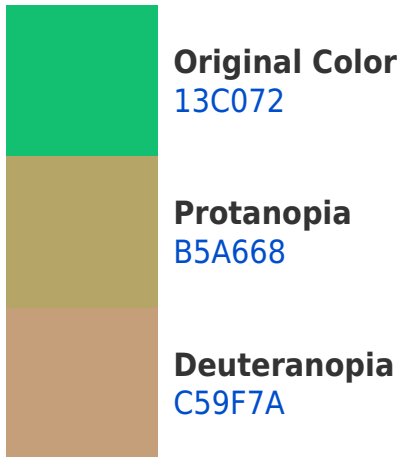


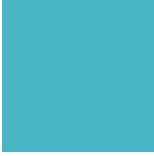
This preview shows how white text looks on a background with the Hex color 13C072.

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
48B6C5

Trichromacy



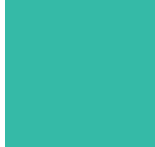
Original Color
13C072



Protanomaly
7AAF6C



Deuteranomaly
84AB77



Tritanomaly
35BAA7

Monochromacy



Original Color
13C072



Achromatopsia
838383



Achromatomaly
5A997D

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C072 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 #13C072 looks like.

```
.text, #text, p{  
    color:#13C072  
}
```

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 #13C072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C072
}
```

Border

The CSS property to change the border of an element to Hex 13C072 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
#13C072 }
```

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

```
.border{ border-color:#13C072 }
```

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

Here you see how a box with a 4 pixel #13C072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C072; -webkit-box-shadow:4px 4px  
4px 4px #13C072; box-shadow:4px 4px 4px  
4px #13C072 }
```

Background

The CSS property to change the background color of an element to Hex 13C072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C072 }
```

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

```
.background{ background-color:#13C072 }
```

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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