

Converting Colors

Hex(13BF7D)

Have a look what the booklet for
Hex(13BF7D) contains.

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Color

Hex(13BF7D)

Conversions

Conversions Part 1

Format	Color
Hex	13BF7D
RGB	19, 191, 125
RGB Percent	7%, 75%, 49%
CMY	0.9255, 0.2510, 0.5098
CMYK	0.90, 0.00, 0.35, 0.25
HSL	157°, 82%, 41%
HSV	157°, 90%, 75%
XYZ	22.6010, 38.8807, 25.7156
YIQ	132.0480, -81.3260, -56.9900

Conversions

Conversions Part 2

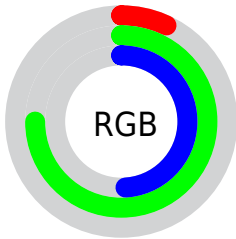
Format	Color
RYB	19, 125, 191
Decimal	1294205
CIELab	68.66, -55.17, 22.35
CIELCh	69, 59.523, 157.948
Yxy	38.8807, 0.2592, 0.4459
Android (android.graphics.Color)	4279484285 (0xFF13BF7D)
YUV	132.0480, -3.4747, -99.1431
Hunter-Lab	62.3544, -44.4209, 19.1963

Details

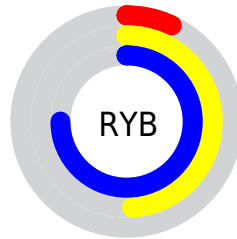
The Hex color **13BF7D** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **BF1355**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66F8B2**, and **00884B** is the 20% darker color. If you saturate the color by 10%, you get **00BF76**, and if you desaturate by 10%, it is **26BF84**.

Distribution



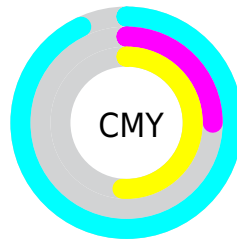
- Red (7%)
- Green (75%)
- Blue (49%)



- Red (7%)
- Yellow (49%)
- Blue (75%)



- Cyan (90%)
- Magenta (0%)
- Yellow (35%)
- Black (25%)



- Cyan (93%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13BF7D 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 13BF7D by changing the saturation by 10% instead.

 13BF7D

 13BF7D

FFFFFF

 00A364

 66F8B2

 00884B

 85FFCE

 006E34

 A4FFEA

 00541E

 C2FFFF

 003B07

 E0FFFF

 002400

 000000

 13BF7D

 13BF7D

 00BF76

 26BF84

 39BF8C

 4CBF93

 5FBF9A

 72BFA2

 86BFA9

 99BFB0

 ACBFB8

 BFBFBF

Harmonies

Analogous

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



7EB74E



13BF7D



00C2B5

Triad

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



13BF7D



59A9FF



FF8268

Complementary

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



13BF7D



BF1355

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.



FF779B



13BF7D



BD93FD

Square

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



13BF7D



00B8FF



F47ED1



E59641

Rectangle

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



13BF7D



00C1D8



F47ED1



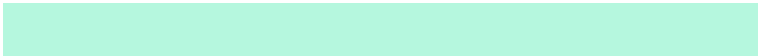
FF7C78

Sweetspot

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



13BF7D



B5F7DE



58BF13



557D6E



FCFCFC



7D7D7D

Same Dimension

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



13BF7D



00F798



13AEBF



555E5B



009E61



001F13

Inverse Universe

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



BF1355



F7005F



BF2413



5E5559



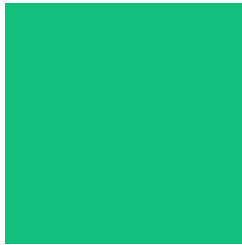
9E003D



1F000C

Previews

White Background



This preview shows how the Hex color 13BF7D looks on a white background.

Color Contrast Check

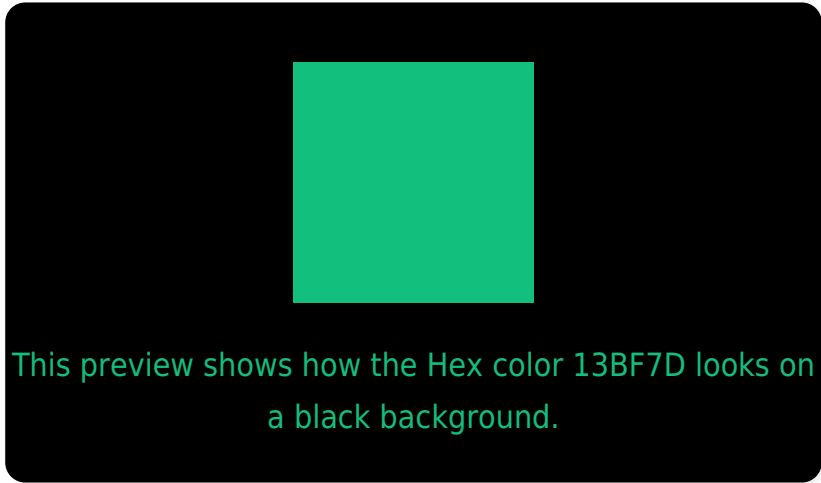
Large Text (above 18pt) WCAG AA × Fail

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

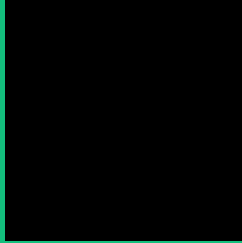
Any Text WCAG AA ✓ Pass

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 13BF7D Background



This preview shows how black text looks on a background with the Hex color 13BF7D.

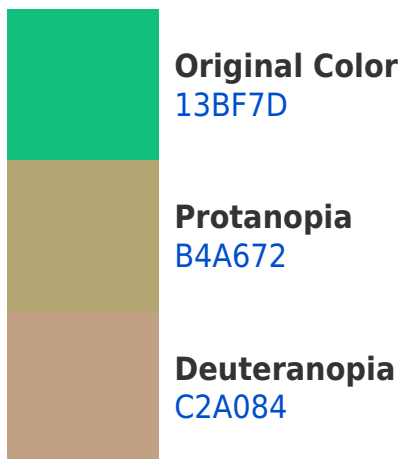


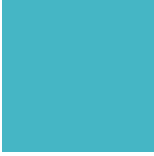
This preview shows how white text looks on a background with the Hex color 13BF7D.

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
45B6C5

Trichromacy



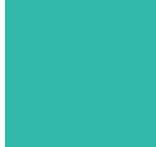
Original Color
13BF7D



Protanomaly
79AF76



Deuteranomaly
82AB81



Tritanomaly
33B9AB

Monochromacy



Original Color
13BF7D



Achromatopsia
848484



Achromatomaly
5B9981

CSS Examples

Text

The CSS property to change the color of the text to Hex 13BF7D 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 #13BF7D looks like.

```
.text, #text, p{  
    color:#13BF7D  
}
```

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 #13BF7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BF7D
}
```

Border

The CSS property to change the border of an element to Hex 13BF7D 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
#13BF7D }
```

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

```
.border{ border-color:#13BF7D }
```

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

Here you see how a box with a 4 pixel #13BF7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BF7D; -webkit-box-shadow:4px 4px  
4px 4px #13BF7D; box-shadow:4px 4px 4px  
4px #13BF7D }
```

Background

The CSS property to change the background color of an element to Hex 13BF7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BF7D }
```

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

```
.background{ background-color:#13BF7D }
```

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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