

Converting Colors

Hex(13B47D)

Have a look what the booklet for
Hex(13B47D) contains.

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Color

Hex(13B47D)

Conversions

Conversions Part 1

Format	Color
Hex	13B47D
RGB	19, 180, 125
RGB Percent	7%, 71%, 49%
CMY	0.9255, 0.2941, 0.5098
CMYK	0.89, 0.00, 0.31, 0.29
HSL	160°, 81%, 39%
HSV	160°, 89%, 71%
XYZ	20.2915, 34.2616, 24.9457
YIQ	125.5910, -78.3010, -51.2370

Conversions

Conversions Part 2

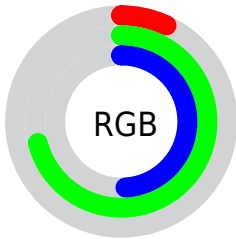
Format	Color
RYB	19, 116, 180
Decimal	1291389
CIELab	65.17, -51.04, 17.57
CIELCh	65, 53.976, 161.005
Yxy	34.2616, 0.2552, 0.4310
Android (android.graphics.Color)	4279481469 (0xFF13B47D)
YUV	125.5910, -0.2914, -93.4803
Hunter-Lab	58.5334, -40.5538, 15.7053

Details

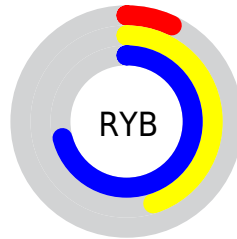
The Hex color **13B47D** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B4134A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **63EDB2**, and **007E4C** is the 20% darker color. If you saturate the color by 10%, you get **01B477**, and if you desaturate by 10%, it is **25B483**.

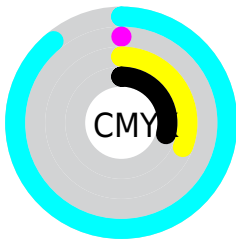
Distribution



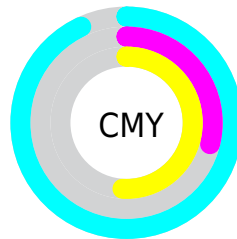
- Red (7%)
- Green (71%)
- Blue (49%)



- Red (7%)
- Yellow (45%)
- Blue (71%)



- Cyan (89%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13B47D 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 13B47D by changing the saturation by 10% instead.

 13B47D

 13B47D

FFFFFF

 009964

 63EDB2

 007E4C

 82FFCD

 006435

 A0FFEA

 004B1F

 BEFFFF

 003309

 DCFFFF

 001B00

 FBFFFF

 000000

 13B47D

 13B47D

 01B477

 25B483

00B477

37B489

49B48F

5BB496

6DB49C

7FB4A2

91B4A8

A3B4AE

B5B4B4

Harmonies

Analogous

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



74AD52



13B47D



00B6AF

Triad

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



13B47D



689DFD



EF7E61

Complementary

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



13B47D



B4134A

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.



F8748E



13B47D



B98AE7

Square

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



13B47D



00ACF9



E779BF



D39141

Rectangle

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



13B47D



00B5CF



E779BF



F5796F

Sweetspot

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



13B47D



ABEBD5



4BB413



507568



F5F5F5



757575

Same Dimension

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



13B47D



00EB9A



139CB4



505956



009965



001A11

Inverse Universe

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



B4134A



EB0050



B42B13



595053



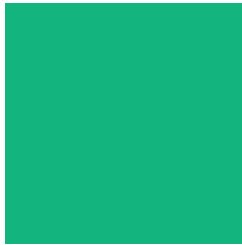
990034



1A0009

Previews

White Background



This preview shows how the Hex color 13B47D looks on a white background.

Color Contrast Check

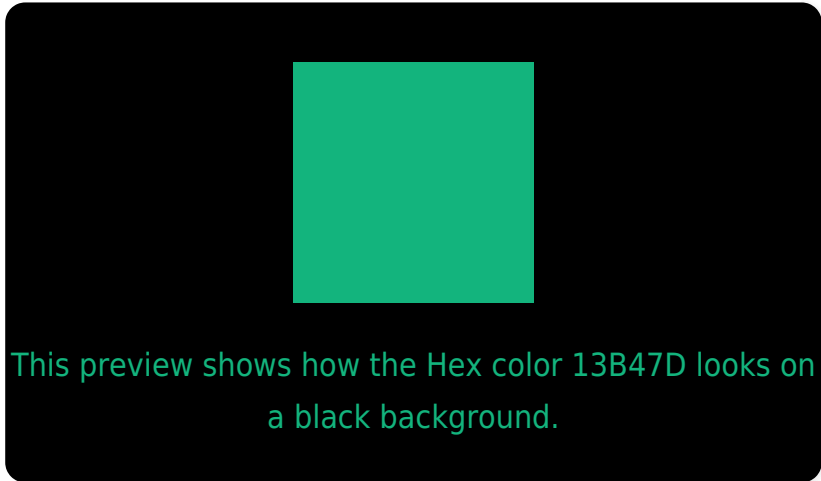
Large Text (above 18pt) WCAG AA × Fail

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

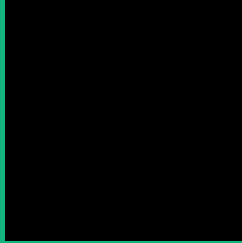
Any Text WCAG AA ✓ Pass

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 13B47D Background



This preview shows how black text looks on a background with the Hex color 13B47D.



This preview shows how white text looks on a background with the Hex color 13B47D.

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](#).

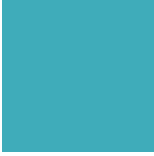
Dichromacy



Original Color
13B47D

Protanopia
A99D73

Deuteranopia
B59784



Trichromacy



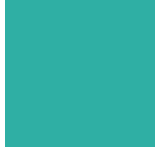
Original Color
13B47D



Protanomaly
72A577



Deuteranomaly
7AA281



Tritanomaly
2FAFA4

Monochromacy



Original Color
13B47D



Achromatopsia
7E7E7E



Achromatomaly
57927E

CSS Examples

Text

The CSS property to change the color of the text to Hex 13B47D 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 #13B47D looks like.

```
.text, #text, p{  
    color:#13B47D  
}
```

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 #13B47D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13B47D
}
```

Border

The CSS property to change the border of an element to Hex 13B47D 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
#13B47D }
```

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

```
.border{ border-color:#13B47D }
```

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

Here you see how a box with a 4 pixel #13B47D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13B47D; -webkit-box-shadow:4px 4px  
4px 4px #13B47D; box-shadow:4px 4px 4px  
4px #13B47D }
```

Background

The CSS property to change the background color of an element to Hex 13B47D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13B47D }
```

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

```
.background{ background-color:#13B47D }
```

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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