

Converting Colors

Hex(13A792)

Have a look what the booklet for
Hex(13A792) contains.

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Color

Hex(13A792)

Conversions

Conversions Part 1

Format	Color
Hex	13A792
RGB	19, 167, 146
RGB Percent	7%, 65%, 57%
CMY	0.9255, 0.3451, 0.4275
CMYK	0.89, 0.00, 0.13, 0.35
HSL	171°, 80%, 36%
HSV	171°, 89%, 65%
XYZ	19.2756, 29.8512, 31.9401
YIQ	120.3540, -81.4670, -37.9070

Conversions

Conversions Part 2

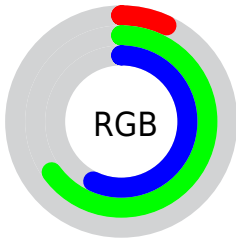
Format	Color
RYB	19, 99, 167
Decimal	1288082
CIELab	61.53, -40.40, 0.78
CIElCh	62, 40.409, 178.900
Yxy	29.8512, 0.2378, 0.3682
Android (android.graphics.Color)	4279478162 (0xFF13A792)
YUV	120.3540, 12.6435, -88.8875
Hunter-Lab	54.6363, -32.6389, 3.5848

Details

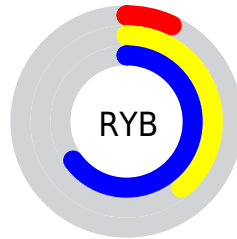
The Hex color **13A792** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A71328**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **61DFC8**, and **007260** is the 20% darker color. If you saturate the color by 10%, you get **02A790**, and if you desaturate by 10%, it is **24A794**.

Distribution



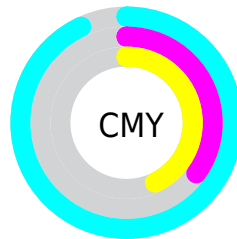
- Red (7%)
- Green (65%)
- Blue (57%)



- Red (7%)
- Yellow (39%)
- Blue (65%)



- Cyan (89%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (93%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A792 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 13A792 by changing the saturation by 10% instead.

 13A792

 13A792

FFFFFF

 008C78

 61DFC8

 007260

 80FCE4

 005948

 9DFFFF

 004032

 BBFFFF

 002A1D

 D9FFFF

 000B03

 F8FFFF

 000000

 13A792

 13A792

 02A790

 24A794

■ 00A78F

■ 34A797

■ 45A799

■ 56A79B

■ 66A79E

■ 77A7A0

■ 88A7A3

■ 99A7A5

■ A9A7A7

Harmonies

Analogous

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



5CA46E



13A792



00A6B6

Triad

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



13A792



968CD3



C88558

Complementary

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



13A792



A71328

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.



D87B74



13A792



C07FBA

Square

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



13A792



5799DC



D67897



AC924C

Rectangle

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



13A792



00A4C9



D67897



CF8160

Sweetspot

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



13A792



9ED9D0



29A713



4B6E69



EDEDED



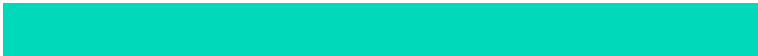
6E6E6E

Same Dimension

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



13A792



00D9BA



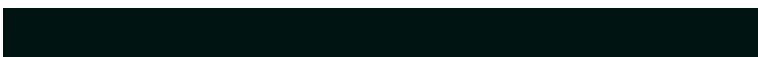
1373A7



4C5453



00947F



001412

Inverse Universe

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



A71328



D9001F



A74713



544C4D



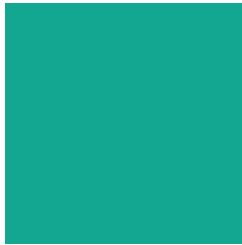
940015



140003

Previews

White Background



This preview shows how the Hex color 13A792 looks on a white background.

Color Contrast Check

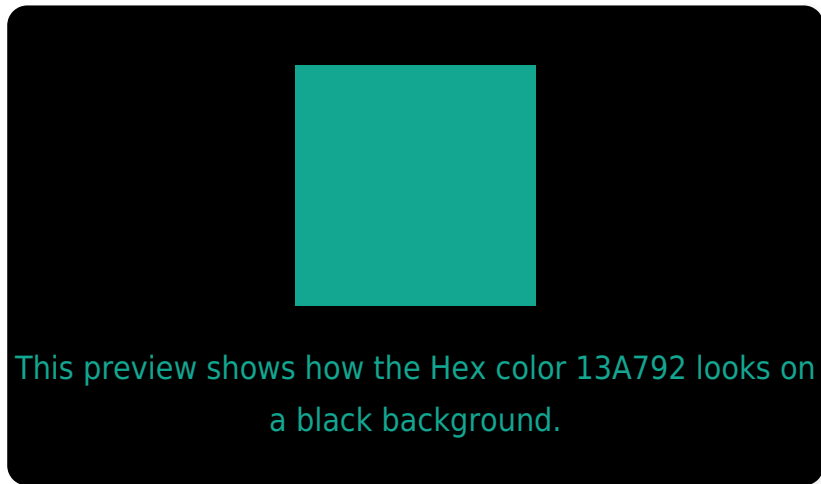
Large Text (above 18pt) WCAG AA ✓ Pass

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

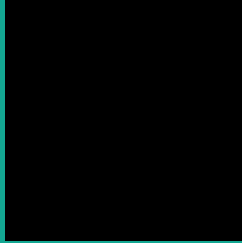
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 13A792 Background



This preview shows how black text looks on a background with the Hex color 13A792.

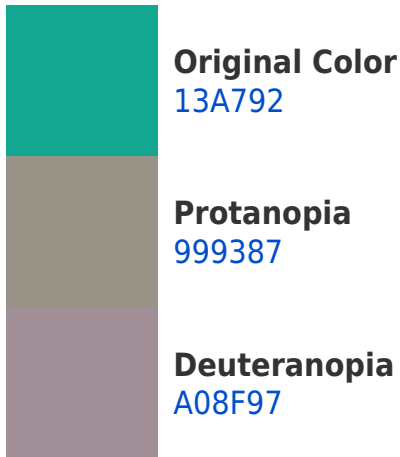


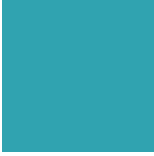
This preview shows how white text looks on a background with the Hex color 13A792.

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
30A3B0

Trichromacy



Original Color
13A792



Protanomaly
689A8B



Deuteranomaly
6D9895



Tritanomaly
25A4A5

Monochromacy



Original Color
13A792



Achromatopsia
787878



Achromatomaly
538981

CSS Examples

Text

The CSS property to change the color of the text to Hex 13A792 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 #13A792 looks like.

```
.text, #text, p{  
    color:#13A792  
}
```

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 #13A792 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A792
}
```

Border

The CSS property to change the border of an element to Hex 13A792 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
#13A792 }
```

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

```
.border{ border-color:#13A792 }
```

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

Here you see how a box with a 4 pixel #13A792 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A792; -webkit-box-shadow:4px 4px  
4px 4px #13A792; box-shadow:4px 4px 4px  
4px #13A792 }
```

Background

The CSS property to change the background color of an element to Hex 13A792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A792 }
```

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

```
.background{ background-color:#13A792 }
```

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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