

Converting Colors

Hex(13A776)

Have a look what the booklet for
Hex(13A776) contains.

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Color

Hex(13A776)

Conversions

Conversions Part 1

Format	Color
Hex	13A776
RGB	19, 167, 118
RGB Percent	7%, 65%, 46%
CMY	0.9255, 0.3451, 0.5373
CMYK	0.89, 0.00, 0.29, 0.35
HSL	160°, 80%, 36%
HSV	160°, 89%, 65%
XYZ	17.3573, 29.0839, 21.8385
YIQ	117.1620, -72.4790, -46.6150

Conversions

Conversions Part 2

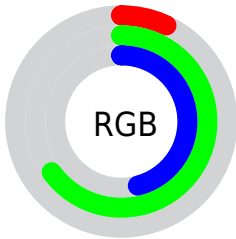
Format	Color
RYB	19, 108, 167
Decimal	1288054
CIELab	60.86, -47.60, 15.44
CIELCh	61, 50.042, 162.031
Yxy	29.0839, 0.2542, 0.4260
Android (android.graphics.Color)	4279478134 (0xFF13A776)
YUV	117.1620, 0.4131, -86.0881
Hunter-Lab	53.9295, -36.9261, 13.7414

Details

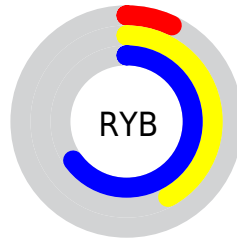
The Hex color **13A776** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A71344**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **60DFAA**, and **007245** is the 20% darker color. If you saturate the color by 10%, you get **02A770**, and if you desaturate by 10%, it is **24A77C**.

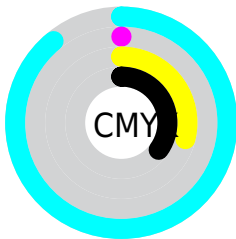
Distribution



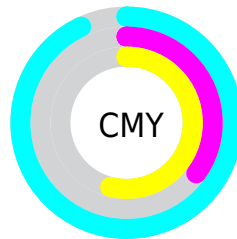
- Red (7%)
- Green (65%)
- Blue (46%)



- Red (7%)
- Yellow (42%)
- Blue (65%)



- Cyan (89%)
- Magenta (0%)
- Yellow (29%)
- Black (35%)



- Cyan (93%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A776 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 13A776 by changing the saturation by 10% instead.

 13A776

 13A776

FFFFFF

 008C5D

 60DFAA

 007245

 7EFCC6

 00582F

 9BFFE2

 00401A

 B9FFFE

 002A00

 D7FFFF

 000600

 F5FFFF

 000000

 13A776

 13A776

 02A770

 24A77C

■ 00A770

■ 34A781

■ 45A787

■ 56A78C

■ 66A792

■ 77A797

■ 88A79D

■ 99A7A2

■ A9A7A8

Harmonies

Analogous

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



6AA14E



13A776



00A9A4

Triad

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



13A776



6592E9



DD765A

Complementary

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



13A776



A71344

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.



E56C83



13A776



AD80D5

Square

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



13A776



009FE6



D670AF



C2873D

Rectangle

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



13A776



00A8C0



D670AF



E27266

Sweetspot

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



13A776



9ED9C5



44A713



4B6E62



EDEDED



6E6E6E

Same Dimension

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



13A776



00D991



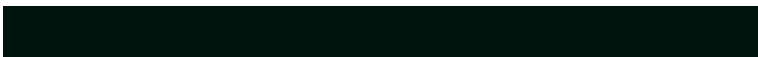
138EA7



4C5451



009463



00140E

Inverse Universe

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



A71344



D90048



A72C13



544C4F



940031



140007

Previews

White Background



This preview shows how the Hex color 13A776 looks on a white background.

Color Contrast Check

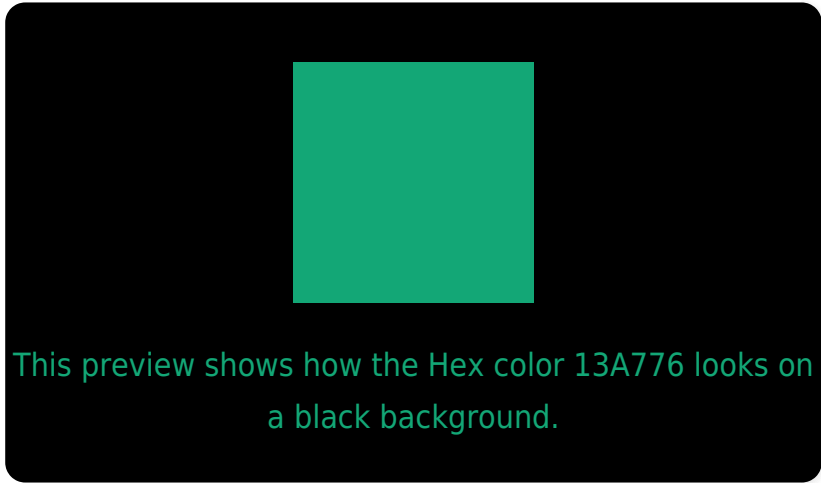
Large Text (above 18pt) WCAG AA ✓ Pass

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

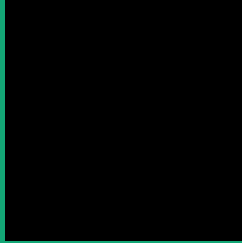
Any Text WCAG AA ✓ Pass

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 13A776 Background



This preview shows how black text looks on a background with the Hex color 13A776.



This preview shows how white text looks on a background with the Hex color 13A776.

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](#).

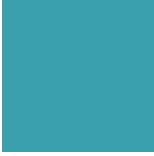
Dichromacy



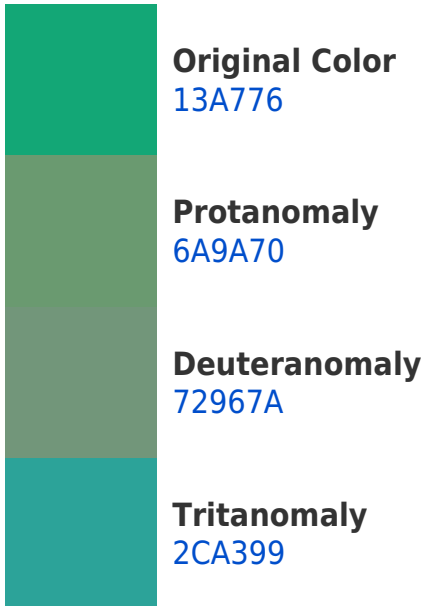
Original Color
13A776

Protanopia
9C926C

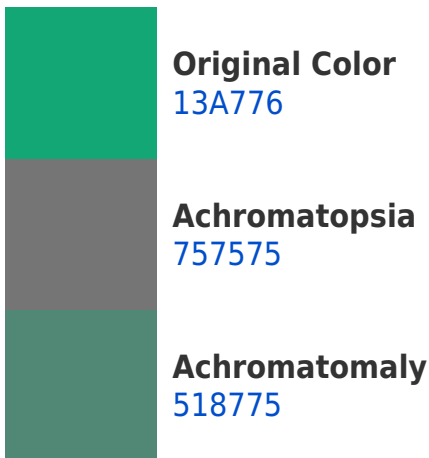
Deuteranopia
A88C7C



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13A776 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 #13A776 looks like.

```
.text, #text, p{  
    color:#13A776  
}
```

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 #13A776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A776
}
```

Border

The CSS property to change the border of an element to Hex 13A776 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
#13A776 }
```

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

```
.border{ border-color:#13A776 }
```

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

Here you see how a box with a 4 pixel #13A776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A776; -webkit-box-shadow:4px 4px  
4px 4px #13A776; box-shadow:4px 4px 4px  
4px #13A776 }
```

Background

The CSS property to change the background color of an element to Hex 13A776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A776 }
```

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

```
.background{ background-color:#13A776 }
```

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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