

Converting Colors

Hex(13A4A1)

Have a look what the booklet for
Hex(13A4A1) contains.

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Color

Hex(13A4A1)

Conversions

Conversions Part 1

Format	Color
Hex	13A4A1
RGB	19, 164, 161
RGB Percent	7%, 64%, 63%
CMY	0.9255, 0.3569, 0.3686
CMYK	0.88, 0.00, 0.02, 0.36
HSL	179°, 79%, 36%
HSV	179°, 88%, 64%
XYZ	19.9770, 29.2626, 38.3136
YIQ	120.3030, -85.4570, -31.6730

Conversions

Conversions Part 2

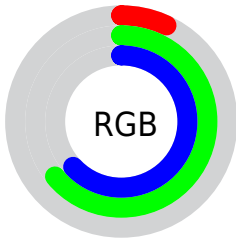
Format	Color
RYB	19, 92, 164
Decimal	1287329
CIELab	61.01, -34.67, -8.42
CIELCh	61, 35.677, 193.646
Yxy	29.2626, 0.2282, 0.3342
Android (android.graphics.Color)	4279477409 (0xFF13A4A1)
YUV	120.3030, 20.0636, -88.8427
Hunter-Lab	54.0949, -28.7467, -4.1266

Details

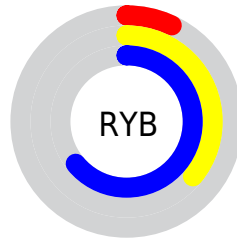
The Hex color **13A4A1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A41316**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62DCD8**, and **006F6E** is the 20% darker color. If you saturate the color by 10%, you get **03A4A1**, and if you desaturate by 10%, it is **23A4A1**.

Distribution



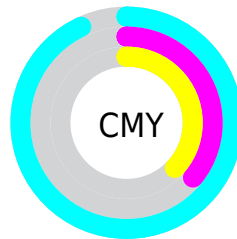
- Red (7%)
- Green (64%)
- Blue (63%)



- Red (7%)
- Yellow (36%)
- Blue (64%)



- Cyan (88%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)



- Cyan (93%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A4A1 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 13A4A1 by changing the saturation by 10% instead.

13A4A1

13A4A1

FFFFFF

008987

62DCD8

006F6E

81F8F4

005655

9FFFFFFF

003E3E

BDFFFF

002828

DBFFFF

000815

F9FFFF

000000

13A4A1

13A4A1

03A4A1

23A4A1

■ 00A4A1

■ 34A4A2

■ 44A4A2

■ 55A4A2

■ 65A4A3

■ 75A4A3

■ 86A4A3

■ 96A4A4

■ A7A4A4

Harmonies

Analogous

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



4DA380



13A4A1



00A2BE

Triad

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



13A4A1



A986C1



B78B57

Complementary

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



13A4A1



A41316

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.



CA8169



13A4A1



C67DA6

Square

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



13A4A1



7C91D0



D07B86



999655

Rectangle

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



13A4A1



2C9ECB



D07B86



BE885B

Sweetspot

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



13A4A1



9CD6D5



18A413



496B6A



EBEBEB



6B6B6B

Same Dimension

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



13A4A1



00D6D2



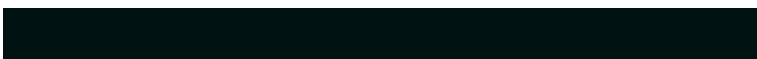
1360A4



495251



00918E



001211

Inverse Universe

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



A41316



D60004



A45713



52494A



910003



120000

Previews

White Background



This preview shows how the Hex color 13A4A1 looks on a white background.

Color Contrast Check

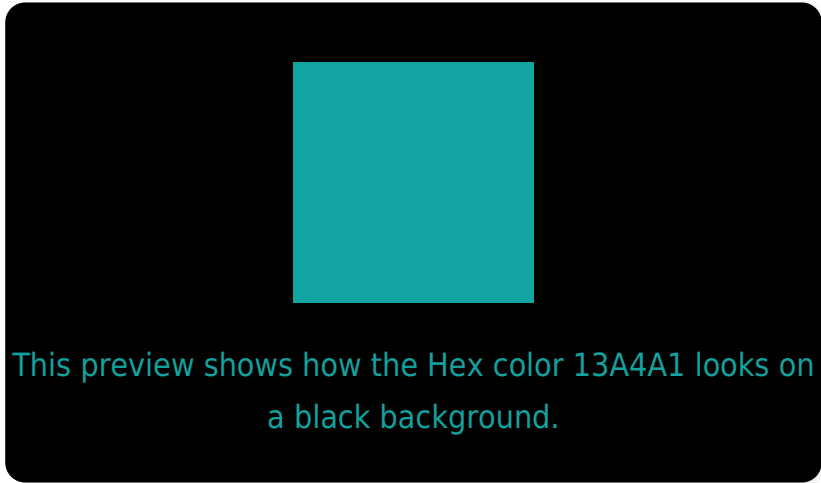
Large Text (above 18pt) WCAG AA ✓ Pass

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

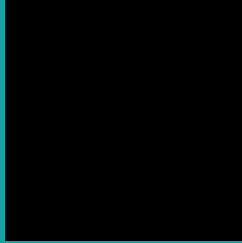
Any Text WCAG AA ✓ Pass

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 13A4A1 Background



This preview shows how black text looks on a background with the Hex color 13A4A1.

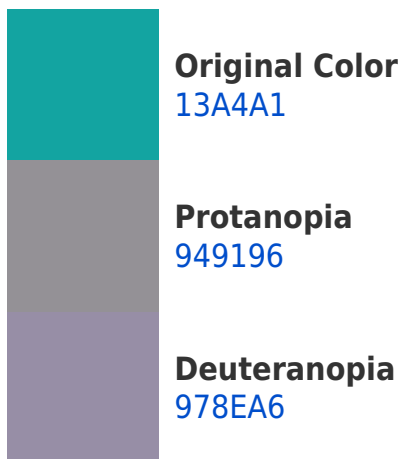


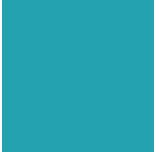
This preview shows how white text looks on a background with the Hex color 13A4A1.

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
25A2AF

Trichromacy



Original Color
13A4A1



Protanomaly
65989A



Deuteranomaly
6796A4



Tritanomaly
1EA3AA

Monochromacy



Original Color
13A4A1



Achromatopsia
787878



Achromatomaly
538887

CSS Examples

Text

The CSS property to change the color of the text to Hex 13A4A1 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 #13A4A1 looks like.

```
.text, #text, p{  
    color:#13A4A1  
}
```

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 #13A4A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A4A1
}
```

Border

The CSS property to change the border of an element to Hex 13A4A1 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
#13A4A1 }
```

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

```
.border{ border-color:#13A4A1 }
```

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

Here you see how a box with a 4 pixel #13A4A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A4A1; -webkit-box-shadow:4px 4px  
4px 4px #13A4A1; box-shadow:4px 4px 4px  
4px #13A4A1 }
```

Background

The CSS property to change the background color of an element to Hex 13A4A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A4A1 }
```

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

```
.background{ background-color:#13A4A1 }
```

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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