

Converting Colors

Hex(13A9C4)

Have a look what the booklet for
Hex(13A9C4) contains.

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Color

Hex(13A9C4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 13A9C4 |
| RGB | 19, 169, 196 |
| RGB Percent | 7%, 66%, 77% |
| CMY | 0.9255, 0.3373, 0.2314 |
| CMYK | 0.90, 0.14, 0.00, 0.23 |
| HSL | 189°, 82%, 42% |
| HSV | 189°, 90%, 77% |
| XYZ | 24.4203, 32.4999, 57.2106 |
| YIQ | 127.2280, -98.0670, -23.4030 |

Conversions

Conversions Part 2

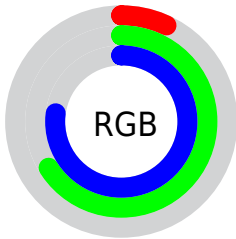
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 19, 100, 196 |
| Decimal | 1288644 |
| CIELab | 63.75, -25.90, -23.88 |
| CIELCh | 64, 35.231, 222.673 |
| Yxy | 32.4999, 0.2140, 0.2848 |
| Android (android.graphics.Color) | 4279478724 (0xFF13A9C4) |
| YUV | 127.2280, 33.9046, -94.9160 |
| Hunter-Lab | 57.0087, -23.3027, -19.5939 |

Details

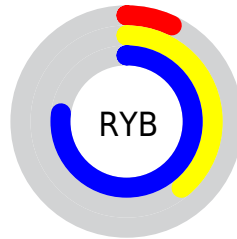
The Hex color **13A9C4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C42E13**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **68E1FD**, and **00758E** is the 20% darker color. If you saturate the color by 10%, you get **00A6C4**, and if you desaturate by 10%, it is **27ACC4**.

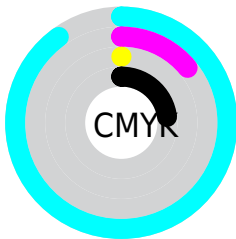
Distribution



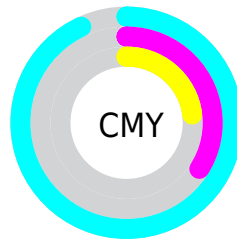
- Red (7%)
- Green (66%)
- Blue (77%)



- Red (7%)
- Yellow (39%)
- Blue (77%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (93%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A9C4 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 13A9C4 by changing the saturation by 10% instead.

 13A9C4

 13A9C4

FFFFFF

 008EA9

 68E1FD

 00758E

 88FDFF

 005C75

 A6FFFF

 00445C

 C5FFFF

 002D44

 E4FFFF

 00182E

 000119

 000000

 13A9C4

 13A9C4

■ 00A6C4

■ 27ACC4

■ 3AAFC4

■ 4EB2C4

■ 61B5C4

■ 75B8C4

■ 89BBC4

■ 9CBEC4

■ B0C1C4

■ C3C4C4

Harmonies

Analogous

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



29ABA7



13A9C4



4CA3D6

Triad

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



13A9C4



CC84AE



A29D5C

Complementary

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



13A9C4



C42E13

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.



BF925F



13A9C4



D8828E

Square

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



13A9C4



AF8DC9



D28871



7FA56B

Rectangle

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



13A9C4



719DD9



D28871



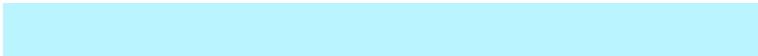
AC995B

Sweetspot

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



13A9C4



BAF4FF



13C42E



577980



000000



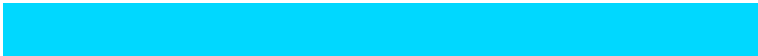
808080

Same Dimension

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



13A9C4



00D8FF



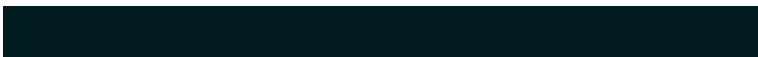
1351C4



575F61



0088A1



001C21

Inverse Universe

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



C413A9



FF00D8



C48613



61575F



A10088



21001C

Previews

White Background



This preview shows how the Hex color 13A9C4 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



This preview shows how the Hex color 13A9C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

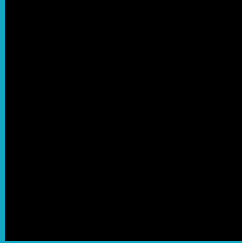
Any Text WCAG AA ✓ Pass

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 13A9C4 Background



This preview shows how black text looks on a background with the Hex color 13A9C4.



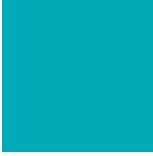
This preview shows how white text looks on a background with the Hex color 13A9C4.

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](#).

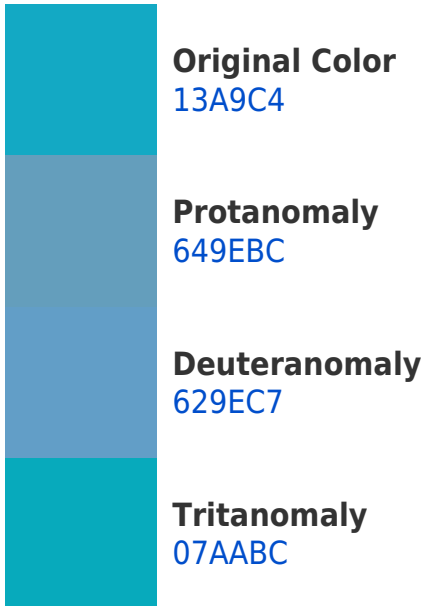
Dichromacy



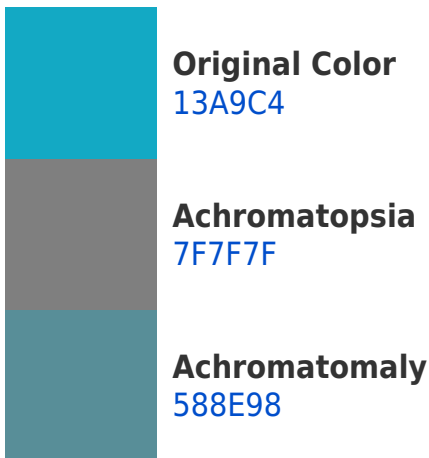


Tritanopia
00ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13A9C4 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 #13A9C4 looks like.

```
.text, #text, p{  
    color:#13A9C4  
}
```

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 #13A9C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A9C4
}
```

Border

The CSS property to change the border of an element to Hex 13A9C4 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
#13A9C4 }
```

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

```
.border{ border-color:#13A9C4 }
```

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

Here you see how a box with a 4 pixel #13A9C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A9C4; -webkit-box-shadow:4px 4px  
4px 4px #13A9C4; box-shadow:4px 4px 4px  
4px #13A9C4 }
```

Background

The CSS property to change the background color of an element to Hex 13A9C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A9C4 }
```

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

```
.background{ background-color:#13A9C4 }
```

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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