

Converting Colors

Hex(13A1B4)

Have a look what the booklet for
Hex(13A1B4) contains.

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Color

Hex(13A1B4)

Conversions

Conversions Part 1

Format	Color
Hex	13A1B4
RGB	19, 161, 180
RGB Percent	7%, 63%, 71%
CMY	0.9255, 0.3686, 0.2941
CMYK	0.89, 0.11, 0.00, 0.29
HSL	187°, 81%, 39%
HSV	187°, 89%, 71%
XYZ	21.2516, 28.9235, 47.6427
YIQ	120.7080, -90.7310, -24.1950

Conversions

Conversions Part 2

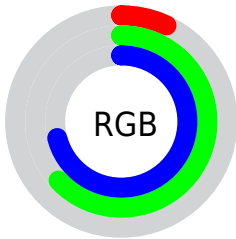
Format	Color
RYB	19, 94, 180
Decimal	1286580
CIELab	60.71, -27.19, -19.57
CIElCh	61, 33.501, 215.745
Yxy	28.9235, 0.2173, 0.2957
Android (android.graphics.Color)	4279476660 (0xFF13A1B4)
YUV	120.7080, 29.2310, -89.1979
Hunter-Lab	53.7805, -23.5808, -14.8770

Details

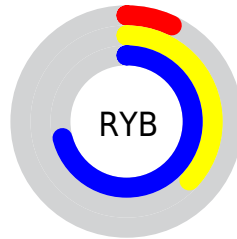
The Hex color **13A1B4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B42613**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **64D8EC**, and **006D7F** is the 20% darker color. If you saturate the color by 10%, you get **019FB4**, and if you desaturate by 10%, it is **25A3B4**.

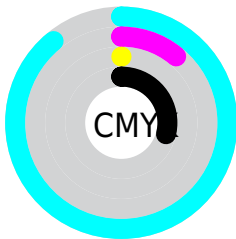
Distribution



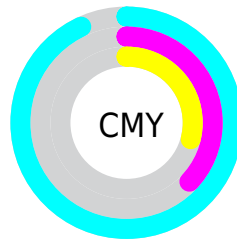
- Red (7%)
- Green (63%)
- Blue (71%)



- Red (7%)
- Yellow (37%)
- Blue (71%)



- Cyan (89%)
- Magenta (11%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A1B4 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 13A1B4 by changing the saturation by 10% instead.

 13A1B4

 13A1B4

FFFFFF

 008799

 64D8EC

 006D7F

 83F5FF

 005466

 A2FFFF

 003D4E

 C0FFFF

 002737

 DEFFFF

 000722

FDFFFF

 000009

 000000

 13A1B4

 13A1B4

019FB4

25A3B4

009FB4

37A5B4

49A7B4

5BA9B4

6DACB4

7FAEB4

91B0B4

A3B2B4

B5B4B4

Harmonies

Analogous

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



34A297



13A1B4



3D9CC8

Triad

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



13A1B4



BC7FAB



A09357

Complementary

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



13A1B4



B42613

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.



BA885D



13A1B4



CB7B8E

Square

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



13A1B4



9D89C2



CA7F71



819B61

Rectangle

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



13A1B4



6097CD



CA7F71



AA8F57

Sweetspot

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



13A1B4



ABE3EB



13B426



507175



F5F5F5



757575

Same Dimension

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



13A1B4



00CFEB



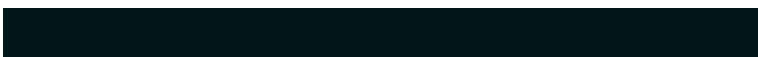
1351B4



505859



008799



00161A

Inverse Universe

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



B413A1



EB00CF



B47613



595058



990087



1A0016

Previews

White Background



This preview shows how the Hex color 13A1B4 looks on a white background.

Color Contrast Check

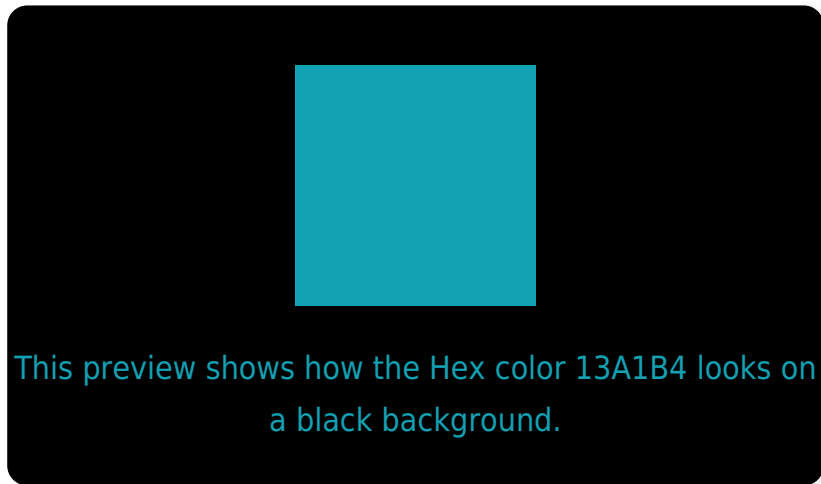
Large Text (above 18pt) WCAG AA ✓ Pass

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

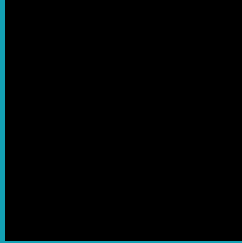
Any Text WCAG AA ✓ Pass

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 13A1B4 Background



This preview shows how black text looks on a background with the Hex color 13A1B4.

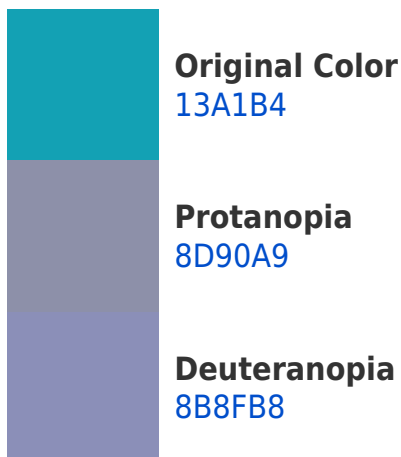


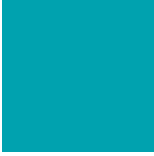
This preview shows how white text looks on a background with the Hex color 13A1B4.

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](#).

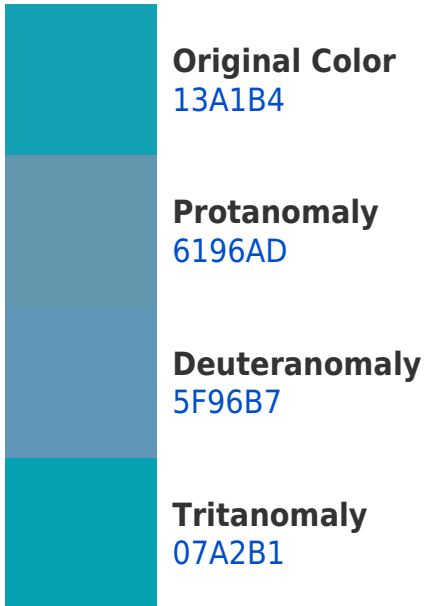
Dichromacy



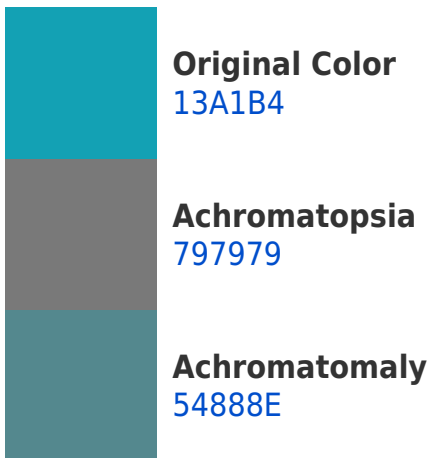


Tritanopia
00A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13A1B4 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 #13A1B4 looks like.

```
.text, #text, p{  
    color:#13A1B4  
}
```

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 #13A1B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A1B4
}
```

Border

The CSS property to change the border of an element to Hex 13A1B4 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
#13A1B4 }
```

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

```
.border{ border-color:#13A1B4 }
```

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

Here you see how a box with a 4 pixel #13A1B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A1B4; -webkit-box-shadow:4px 4px  
4px 4px #13A1B4; box-shadow:4px 4px 4px  
4px #13A1B4 }
```

Background

The CSS property to change the background color of an element to Hex 13A1B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A1B4 }
```

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

```
.background{ background-color:#13A1B4 }
```

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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