

Converting Colors

Hex(13A0C7)

Have a look what the booklet for
Hex(13A0C7) contains.

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Color

Hex(13A0C7)

Conversions

Conversions Part 1

Format	Color
Hex	13A0C7
RGB	19, 160, 199
RGB Percent	7%, 63%, 78%
CMY	0.9255, 0.3725, 0.2196
CMYK	0.90, 0.20, 0.00, 0.22
HSL	193°, 83%, 43%
HSV	193°, 90%, 78%
XYZ	23.1482, 29.4036, 58.4883
YIQ	122.2870, -96.5550, -17.7630

Conversions

Conversions Part 2

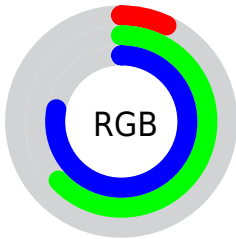
Format	Color
R_{YB}	19, 98, 199
Decimal	1286343
CIE _{Lab}	61.14, -20.24, -29.59
CIE _{LCh}	61, 35.846, 235.626
Yxy	29.4036, 0.2085, 0.2648
Android (android.graphics.Color)	4279476423 (0xFF13A0C7)
YUV	122.2870, 37.8195, -90.5827
Hunter-Lab	54.2251, -18.6939, -25.9938

Details

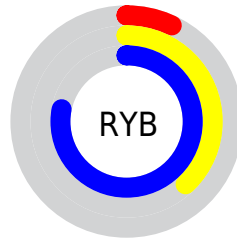
The Hex color **13A0C7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C73A13**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **67D7FF**, and **006C91** is the 20% darker color. If you saturate the color by 10%, you get **009CC7**, and if you desaturate by 10%, it is **27A4C7**.

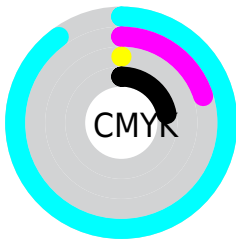
Distribution



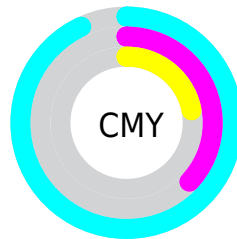
- Red (7%)
- Green (63%)
- Blue (78%)



- Red (7%)
- Yellow (38%)
- Blue (78%)



- Cyan (90%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13A0C7 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 13A0C7 by changing the saturation by 10% instead.

 13A0C7

 13A0C7

FFFFFF

 0086AC

 67D7FF

 006C91

 87F3FF

 005477

 A6FFFF

 003D5E

 C4FFFF

 002746

 E3FFFF

 000C30

 00011A

 000000

 13A0C7

 13A0C7

■ 009CC7

■ 27A4C7

■ 3BA9C7

■ 4FADC7

■ 63B1C7

■ 77B6C7

■ 8ABAC7

■ 9EBEC7

■ B2C2C7

■ C6C7C7

Harmonies

Analogous

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



00A4AE



13A0C7



5B98D2

Triad

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



13A0C7



CD7B9A



8C9A59

Complementary

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



13A0C7



C73A13

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.



AC9054



13A0C7



D17C7A

Square

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



13A0C7



B782B8



C48560



67A16F

Rectangle

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



13A0C7



8091D0



C48560



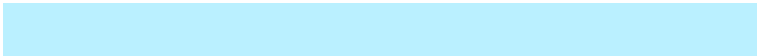
989755

Sweetspot

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



13A0C7



BAF0FF



13C73A



577780



000000



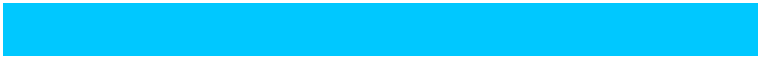
808080

Same Dimension

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



13A0C7



00C8FF



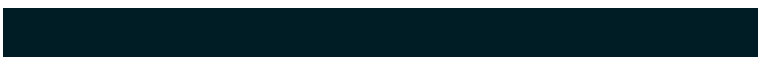
1346C7



5A6163



0080A3



001C24

Inverse Universe

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



C713A0



FF00C8



C79413



635A61



A30080



24001C

Previews

White Background



This preview shows how the Hex color 13A0C7 looks on a white background.

Color Contrast Check

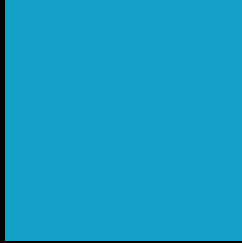
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 13A0C7 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 × Fail

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

Hex 13A0C7 Background



This preview shows how black text looks on a background with the Hex color 13A0C7.



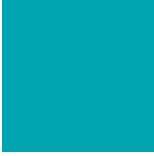
This preview shows how white text looks on a background with the Hex color 13A0C7.

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](#).

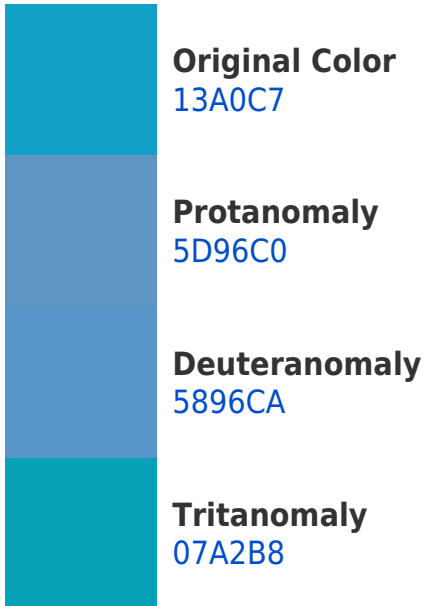
Dichromacy





Tritanopia
00A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13A0C7 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 #13A0C7 looks like.

```
.text, #text, p{  
    color:#13A0C7  
}
```

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 #13A0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A0C7
}
```

Border

The CSS property to change the border of an element to Hex 13A0C7 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
#13A0C7 }
```

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

```
.border{ border-color:#13A0C7 }
```

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

Here you see how a box with a 4 pixel #13A0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A0C7; -webkit-box-shadow:4px 4px  
4px 4px #13A0C7; box-shadow:4px 4px 4px  
4px #13A0C7 }
```

Background

The CSS property to change the background color of an element to Hex 13A0C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A0C7 }
```

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

```
.background{ background-color:#13A0C7 }
```

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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