

Converting Colors

Hex(13C2C8)

Have a look what the booklet for
Hex(13C2C8) contains.

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Color

Hex(13C2C8)

Conversions

Conversions Part 1

Format	Color
Hex	13C2C8
RGB	19, 194, 200
RGB Percent	7%, 76%, 78%
CMY	0.9255, 0.2392, 0.2157
CMYK	0.91, 0.03, 0.00, 0.22
HSL	182°, 83%, 43%
HSV	182°, 90%, 78%
XYZ	29.9857, 42.8922, 61.3422
YIQ	142.3590, -106.2260, -35.2340

Conversions

Conversions Part 2

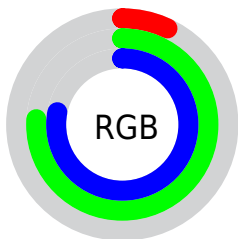
Format	Color
RYB	19, 108, 200
Decimal	1295048
CIELab	71.48, -36.70, -14.35
CIELCh	71, 39.405, 201.359
Yxy	42.8922, 0.2234, 0.3196
Android (android.graphics.Color)	4279485128 (0xFF13C2C8)
YUV	142.3590, 28.4170, -108.1858
Hunter-Lab	65.4921, -32.8846, -9.6886

Details

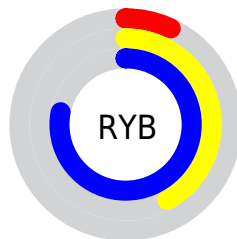
The Hex color **13C2C8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C81913**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6CFBFF**, and **008C92** is the 20% darker color. If you saturate the color by 10%, you get **00C1C8**, and if you desaturate by 10%, it is **27C3C8**.

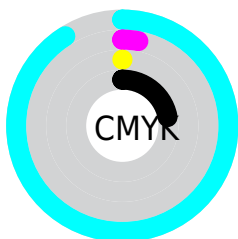
Distribution



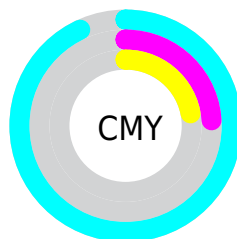
- Red (7%)
- Green (76%)
- Blue (78%)



- Red (7%)
- Yellow (42%)
- Blue (78%)



- Cyan (91%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C2C8 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 13C2C8 by changing the saturation by 10% instead.

 13C2C8

 13C2C8

FFFFFF

 00A6AD

 6CFBFF

 008C92

 8CFFFF

 007278

 ACFFFF

 005960

 CBFFFF

 004048

 EAFFFF

 002A32

 000C1D

 000000

 13C2C8

 13C2C8

■ 00C1C8

■ 27C3C8

■ 3BC3C8

■ 4FC4C8

■ 63C5C8

■ 77C5C8

■ 8BC6C8

■ 9FC7C8

■ B3C7C8

■ C7C8C8

Harmonies

Analogous

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



53C2A3



13C2C8



1EBEE6

Triad

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



13C2C8



D29DDC



D0A968

Complementary

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



13C2C8



C81913

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.



EA9D78



13C2C8



EE94BB

Square

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



13C2C8



A4AAF2



F59497



ADB56B

Rectangle

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



13C2C8



51B9F2



F59497



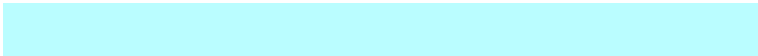
DAA56B

Sweetspot

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



13C2C8



BAFDFF



13C816



577E80



000000



808080

Same Dimension

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



13C2C8



00F7FF



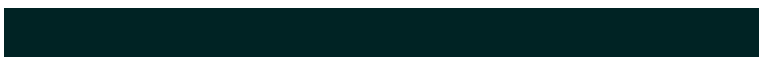
136AC8



5A6363



009EA3



002324

Inverse Universe

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



C813C2



FF00F7



C87113



635A63



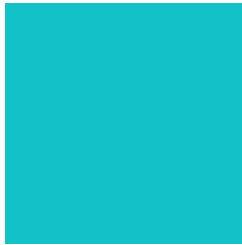
A3009E



240023

Previews

White Background



This preview shows how the Hex color 13C2C8 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 13C2C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

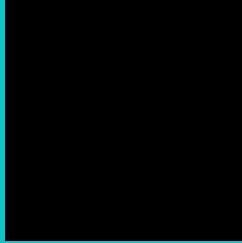
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

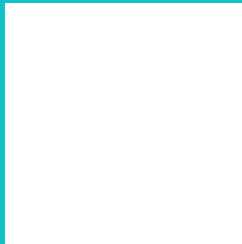
Any Text WCAG AAA ✓ Pass

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

Hex 13C2C8 Background



This preview shows how black text looks on a background with the Hex color 13C2C8.

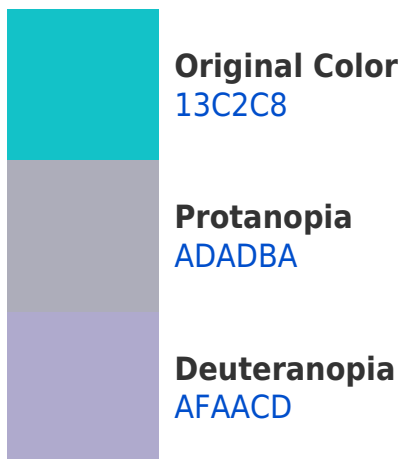


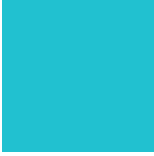
This preview shows how white text looks on a background with the Hex color 13C2C8.

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
21C1D0

Trichromacy



Original Color
13C2C8



Protanomaly
75B5BF



Deuteranomaly
76B3CB



Tritanomaly
1CC1CD

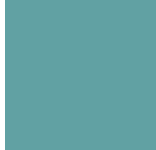
Monochromacy



Original Color
13C2C8



Achromatopsia
8E8E8E



Achromatomaly
61A1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C2C8 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 #13C2C8 looks like.

```
.text, #text, p{  
    color:#13C2C8  
}
```

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 #13C2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C2C8
}
```

Border

The CSS property to change the border of an element to Hex 13C2C8 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
#13C2C8 }
```

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

```
.border{ border-color:#13C2C8 }
```

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

Here you see how a box with a 4 pixel #13C2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C2C8; -webkit-box-shadow:4px 4px  
4px 4px #13C2C8; box-shadow:4px 4px 4px  
4px #13C2C8 }
```

Background

The CSS property to change the background color of an element to Hex 13C2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C2C8 }
```

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

```
.background{ background-color:#13C2C8 }
```

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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