

Converting Colors

Hex(12C2E8)

Have a look what the booklet for
Hex(12C2E8) contains.

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Color

Hex(12C2E8)

Conversions

Conversions Part 1

Format	Color
Hex	12C2E8
RGB	18, 194, 232
RGB Percent	7%, 76%, 91%
CMY	0.9294, 0.2392, 0.0902
CMYK	0.92, 0.16, 0.00, 0.09
HSL	191°, 86%, 49%
HSV	191°, 92%, 91%
XYZ	34.1067, 44.5384, 83.1431
YIQ	145.7080, -117.0940, -25.4940

Conversions

Conversions Part 2

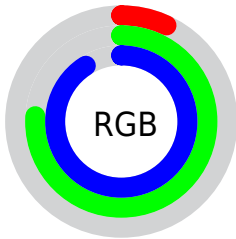
Format	Color
R _Y B	18, 115, 232
Decimal	1229544
CIE Lab	72.59, -26.53, -30.07
CIE LCh	73, 40.101, 228.574
Yxy	44.5384, 0.2108, 0.2753
Android (android.graphics.Color)	4279419624 (0xFF12C2E8)
YUV	145.7080, 42.5420, -111.9999
Hunter-Lab	66.7371, -25.5654, -27.1493

Details

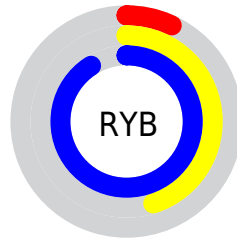
The Hex color **12C2E8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E83812**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71FBFF**, and **008CB0** is the 20% darker color. If you saturate the color by 10%, you get **00BFE8**, and if you desaturate by 10%, it is **29C6E8**.

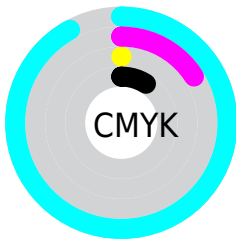
Distribution



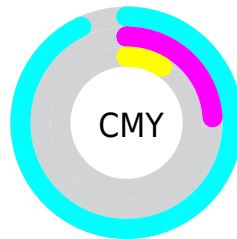
- Red (7%)
- Green (76%)
- Blue (91%)



- Red (7%)
- Yellow (45%)
- Blue (91%)



- Cyan (92%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (93%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C2E8 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 12C2E8 by changing the saturation by 10% instead.

 12C2E8

FFFFFF

 71FBFF

 92FFFF

 B2FFFF

 D1FFFF

 F1FFFF

 12C2E8

 00A7CC

 008CB0

 007295

 005A7C

 004262

 002B4A

 001334

 00021E

 000000

■ 12C2E8

■ 12C2E8

■ 00BFE8

■ 29C6E8

■ 40CAE8

■ 58CEE8

■ 6FD2E8

■ 86D7E8

■ 9DDBE8

■ B4DFE8

■ CCE3E8

■ E3E7E8

Harmonies

Analogous

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



18C6C8



12C2E8



62BAF9

Triad

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



12C2E8



F097C2



B3B76B

Complementary

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



12C2E8



E83812

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.



D6AB6A



12C2E8



FA969D

Square

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



12C2E8



D2A0E3



F09E7D



89C080

Rectangle

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



12C2E8



8EB2FA



F09E7D



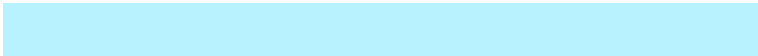
C0B368

Sweetspot

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



12C2E8



B8F2FF



12E836



547880



000000



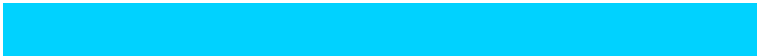
808080

Same Dimension

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



12C2E8



00D2FF



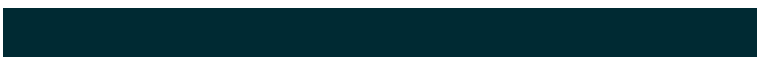
1259E8



677173



0093B3



002A33

Inverse Universe

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



E812C2



FF00D2



E8A112



736771



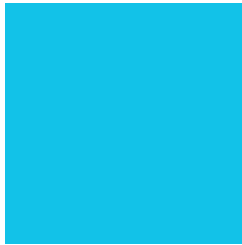
B30093



33002A

Previews

White Background



This preview shows how the Hex color 12C2E8 looks on a white background.

Color Contrast Check

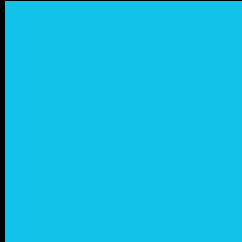
Large Text (above 18pt) WCAG AA × Fail

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 12C2E8 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 12C2E8 Background



This preview shows how black text looks on a background with the Hex color 12C2E8.

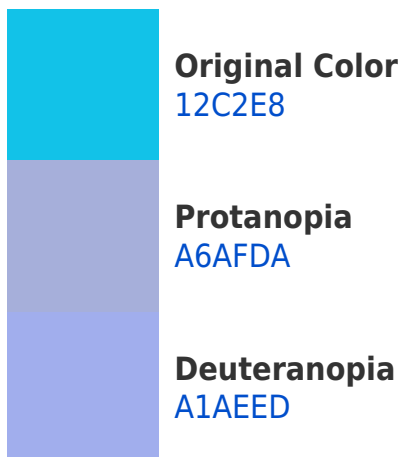


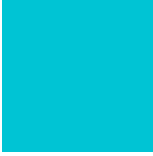
This preview shows how white text looks on a background with the Hex color 12C2E8.

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
00C4D4

Trichromacy



Original Color
12C2E8



Protanomaly
70B6DF



Deuteranomaly
6DB5EB



Tritanomaly
07C3DB

Monochromacy



Original Color
12C2E8



Achromatopsia
929292



Achromatomaly
63A3B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 12C2E8 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 #12C2E8 looks like.

```
.text, #text, p{  
    color:#12C2E8  
}
```

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 #12C2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C2E8
}
```

Border

The CSS property to change the border of an element to Hex 12C2E8 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
#12C2E8 }
```

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

```
.border{ border-color:#12C2E8 }
```

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

Here you see how a box with a 4 pixel #12C2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C2E8; -webkit-box-shadow:4px 4px  
4px 4px #12C2E8; box-shadow:4px 4px 4px  
4px #12C2E8 }
```

Background

The CSS property to change the background color of an element to Hex 12C2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C2E8 }
```

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

```
.background{ background-color:#12C2E8 }
```

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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