

Converting Colors

Hex(12C9EC)

Have a look what the booklet for
Hex(12C9EC) contains.

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Color

Hex(12C9EC)

Conversions

Conversions Part 1

Format	Color
Hex	12C9EC
RGB	18, 201, 236
RGB Percent	7%, 79%, 93%
CMY	0.9294, 0.2118, 0.0745
CMYK	0.92, 0.15, 0.00, 0.07
HSL	190°, 86%, 50%
HSV	190°, 92%, 93%
XYZ	36.2764, 47.9580, 86.7017
YIQ	150.2730, -120.3030, -27.9110

Conversions

Conversions Part 2

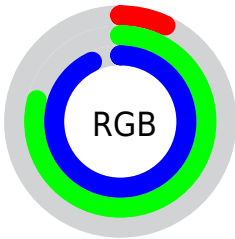
Format	Color
RYB	18, 117, 236
Decimal	1231340
CIELab	74.80, -28.69, -28.83
CIELCh	75, 40.667, 225.140
Yxy	47.9580, 0.2122, 0.2806
Android (android.graphics.Color)	4279421420 (0xFF12C9EC)
YUV	150.2730, 42.2634, -116.0034
Hunter-Lab	69.2517, -27.6861, -25.7537

Details

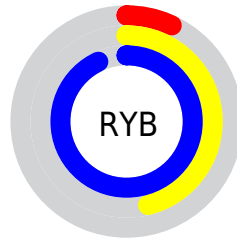
The Hex color **12C9EC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EC3512**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **72FFFF**, and **0093B4** is the 20% darker color. If you saturate the color by 10%, you get **00C6EC**, and if you desaturate by 10%, it is **2ACDEC**.

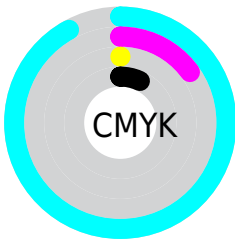
Distribution



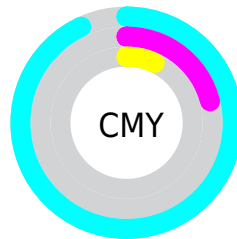
- Red (7%)
- Green (79%)
- Blue (93%)



- Red (7%)
- Yellow (46%)
- Blue (93%)



- Cyan (92%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C9EC 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 12C9EC by changing the saturation by 10% instead.

 12C9EC

 12C9EC

FFFFFF

 00ADD0

 72FFFF

 0093B4

 94FFFF

 007999

 B4FFFF

 005F7F

 D4FFFF

 004766

 F3FFFF

 00304E

 001C37

 000221

 000006

■ 12C9EC

■ 12C9EC

■ 00C6EC

■ 2ACDEC

■ 41D1EC

■ 59D4EC

■ 70D8EC

■ 88DCEC

■ A0E0EC

■ B7E4EC

■ CFE7EC

■ E6EBEC

Harmonies

Analogous

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



28CCCA



12C9EC



5FC1FF

Triad

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



12C9EC



F59DCC



BEBC6F

Complementary

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



12C9EC



EC3512

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.



E1AF70



12C9EC



FF9BA6

Square

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



12C9EC



D4A7ED



F9A385



94C582

Rectangle

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



12C9EC



8CBAFF



F9A385



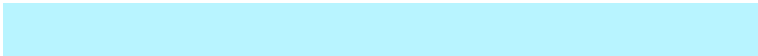
CAB86D

Sweetspot

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



12C9EC



B8F4FF



12EC33



547980



000000



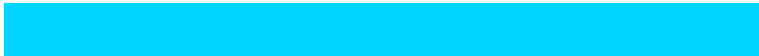
808080

Same Dimension

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



12C9EC



00D6FF



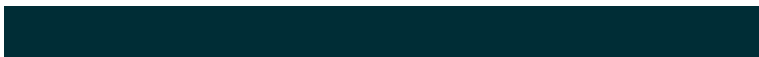
125EEC



6A7375



0098B5



002D36

Inverse Universe

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



EC12C9



FF00D6



ECA012



756A73



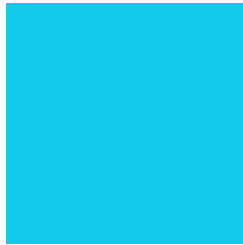
B50098



36002D

Previews

White Background



This preview shows how the Hex color 12C9EC looks on a white background.

Color Contrast Check

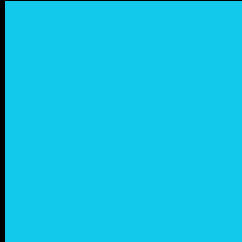
Large Text (above 18pt) WCAG AA × Fail

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 12C9EC 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 12C9EC Background



This preview shows how black text looks on a background with the Hex color 12C9EC.

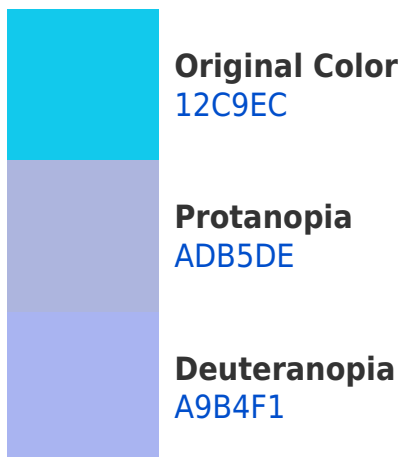


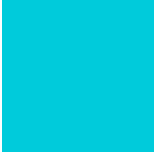
This preview shows how white text looks on a background with the Hex color 12C9EC.

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
00CBDB

Trichromacy



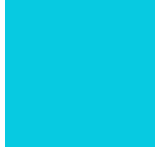
Original Color
12C9EC



Protanomaly
75BCE3



Deuteranomaly
72BCEF



Tritanomaly
07CAE1

Monochromacy



Original Color
12C9EC



Achromatopsia
969696



Achromatomaly
66A9B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 12C9EC 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 #12C9EC looks like.

```
.text, #text, p{  
    color:#12C9EC  
}
```

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 #12C9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C9EC
}
```

Border

The CSS property to change the border of an element to Hex 12C9EC 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
#12C9EC }
```

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

```
.border{ border-color:#12C9EC }
```

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

Here you see how a box with a 4 pixel #12C9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C9EC; -webkit-box-shadow:4px 4px  
4px 4px #12C9EC; box-shadow:4px 4px 4px  
4px #12C9EC }
```

Background

The CSS property to change the background color of an element to Hex 12C9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C9EC }
```

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

```
.background{ background-color:#12C9EC }
```

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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