

Converting Colors

Hex(0CCAEE2)

Have a look what the booklet for
Hex(0CCA E2) contains.

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Color

Hex(0CCA E2)

Conversions

Conversions Part 1

Format	Color
Hex	0CCA E2
RGB	12, 202, 226
RGB Percent	5%, 79%, 89%
CMY	0.9529, 0.2078, 0.1137
CMYK	0.95, 0.11, 0.00, 0.11
HSL	187°, 90%, 47%
HSV	187°, 95%, 89%
XYZ	34.9996, 47.8102, 79.3351
YIQ	147.9260, -120.9440, -32.8160

Conversions

Conversions Part 2

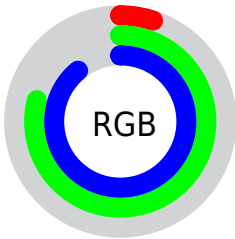
Format	Color
R _{YB}	12, 113, 226
Decimal	838370
CIE Lab	74.71, -32.59, -23.58
CIE LCh	75, 40.226, 215.889
Yxy	47.8102, 0.2159, 0.2949
Android (android.graphics.Color)	4279028450 (0xFF0CCA E2)
YUV	147.9260, 38.4905, -119.2071
Hunter-Lab	69.1449, -30.6509, -19.6264

Details

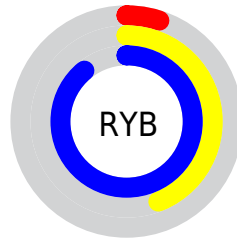
The Hex color **0CCA E2** is a dark color, and the websafe version is hex **33CC CC**. The color can be described as middle washed cyan. A complement of this color would be **E2240C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6FFF FF**, and **0093 AB** is the 20% darker color. If you saturate the color by 10%, you get **00C9 E2**, and if you desaturate by 10%, it is **23CD E2**.

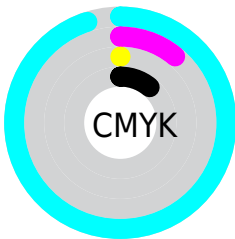
Distribution



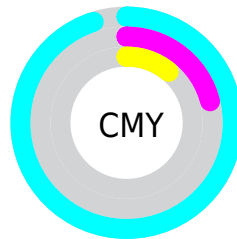
- Red (5%)
- Green (79%)
- Blue (89%)



- Red (5%)
- Yellow (44%)
- Blue (89%)



- Cyan (95%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CCAEE2 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 0CCAEE2 by changing the saturation by 10% instead.

 0CCA E2

 0CCA E2

FFFFFF

 00AEC6

 6FFFFF

 0093AB

 91FFFF

 007990

 B1FFFF

 006076

 D1FFFF

 00485E

 F0FFFF

 003046

 001B2F

 00011B

 000000

■ 0CCA E2

■ 0CCA E2

■ 00C9 E2

■ 23CD E2

■ 39CF E2

■ 50D2 E2

■ 66D4 E2

■ 7DD7 E2

■ 94D9 E2

■ AADCE2

■ C1DE E2

■ D7E1 E2

Harmonies

Analogous

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



3FCCBE



0CCAE2



4BC4FB

Triad

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



0CCA E2



ECA0 D7



C9B8 6D

Complementary

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



0CCA E2



E224 0C

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.



E9AB75



0CCA E2



FF9BB2

Square

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



0CCA E2



C6AC F4



FDA0 8E



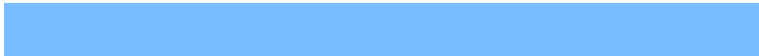
A1C2 7B

Rectangle

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



0CCA2E



79BDFE



FDA08E



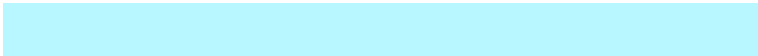
D5B46E

Sweetspot

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



0CCA E2



B8F7 FF



0CE2 21



547B 80



0000 00



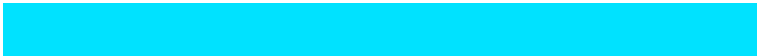
8080 80

Same Dimension

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



0C CA E2



00 E2 FF



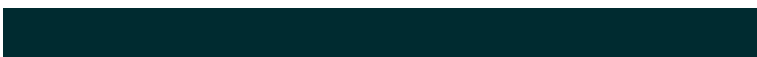
0C 62 E2



65 6F 70



00 9C B0



00 2B 30

Inverse Universe

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



E20CCA



FF00E2



E28C0C



70656F



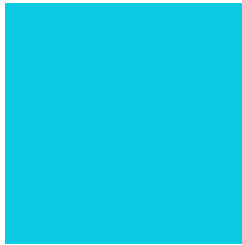
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 0CCA E2 looks on a white background.

Color Contrast Check

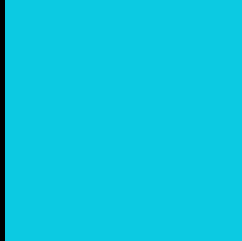
Large Text (above 18pt) WCAG AA × Fail

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 0CCA E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

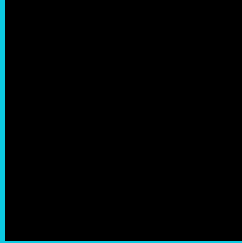
Any Text WCAG AA ✓ Pass

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 0CCAEE2 Background



This preview shows how black text looks on a background with the Hex color 0CCAEE2.

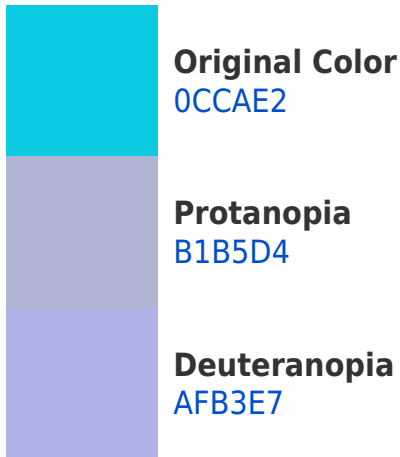


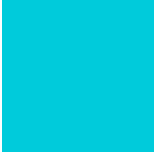
This preview shows how white text looks on a background with the Hex color 0CCAEE2.

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



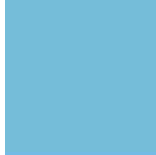


Tritanopia
00CBDB

Trichromacy



Original Color
0C CAE2



Protanomaly
75 BDD9



Deuteranomaly
74 BBE5



Tritanomaly
04 CBDE

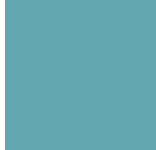
Monochromacy



Original Color
0C CAE2



Achromatopsia
94 9494



Achromatomaly
63 A8B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CCAEE2 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 #0CCAEE2 looks like.

```
.text, #text, p{  
    color:#0CCAEE2  
}
```

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 #0CCAEE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CCAEE2
}
```

Border

The CSS property to change the border of an element to Hex 0CCAEE2 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
#0CCAEE2 }
```

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

```
.border{ border-color:#0CCA E2 }
```

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

Here you see how a box with a 4 pixel #0CCA E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CCA E2; -webkit-box-shadow:4px 4px  
4px 4px #0CCA E2; box-shadow:4px 4px 4px  
4px #0CCA E2 }
```

Background

The CSS property to change the background color of an element to Hex 0CCA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CCA2 }
```

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

```
.background{ background-color:#0CCA2 }
```

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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