

Converting Colors

Hex(3EC0CC)

Have a look what the booklet for
Hex(3EC0CC) contains.

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Color

Hex(3EC0CC)

Conversions

Conversions Part 1

Format	Color
Hex	3EC0CC
RGB	62, 192, 204
RGB Percent	24%, 75%, 80%
CMY	0.7569, 0.2471, 0.2000
CMYK	0.70, 0.06, 0.00, 0.20
HSL	185°, 58%, 52%
HSV	185°, 70%, 80%
XYZ	31.7353, 43.0830, 63.7700
YIQ	154.4980, -81.3320, -23.8280

Conversions

Conversions Part 2

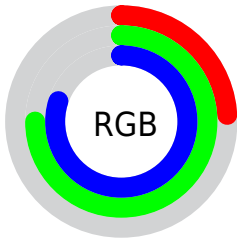
Format	Color
R _{YB}	62, 130, 204
Decimal	4112588
CIE Lab	71.61, -30.76, -16.28
CIE LCh	72, 34.803, 207.888
Yxy	43.0830, 0.2290, 0.3109
Android (android.graphics.Color)	4282302668 (0xFF3EC0CC)
YUV	154.4980, 24.4045, -81.1207
Hunter-Lab	65.6377, -28.5625, -11.6566

Details

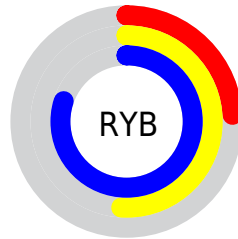
The Hex color **3EC0CC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC4A3E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **80F9FF**, and **008A96** is the 20% darker color. If you saturate the color by 10%, you get **2ABECC**, and if you desaturate by 10%, it is **52C2CC**.

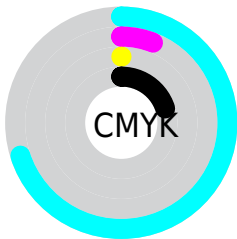
Distribution



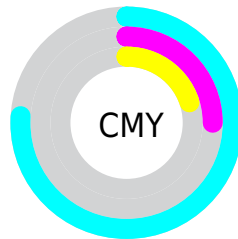
- Red (24%)
- Green (75%)
- Blue (80%)



- Red (24%)
- Yellow (51%)
- Blue (80%)



- Cyan (70%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EC0CC 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 3EC0CC by changing the saturation by 10% instead.

 3EC0CC

 3EC0CC

FFFFFF

 03A5B1

 80F9FF

 008A96

 9FFFFFF

 00707C

 BDFFFF

 005763

 DBFFFF

 003F4B

 FAFFFF

 002935

 000D20

 000004

 000000

 3EC0CC

 3EC0CC

 2ABECC

 52C2CC

 15BDCC

 67C3CC

 01BBCC

 7BC5CC

 00BBCC

 90C7CC

 A4C9CC

 B8CACC

 CDCCCC

 E1CECC

 F6D0CC

Harmonies

Analogous

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



5AC1AC



3EC0CC



50BCE4

Triad

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



3E00CC



D69DD2



C7AD70

Complementary

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



3EC0CC



CC4A3E

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.



E0A27B



3EC0CC



EA97B3

Square

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



3EC0CC



B0A8E7



ED9993



A6B676

Rectangle

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



3EC0CC



6FB6ED



ED9993



D1A972

Sweetspot

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



3EC0CC



C9FAFF



3ECC4A



607D80



000000



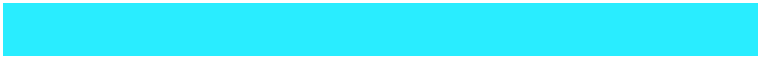
808080

Same Dimension

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



3EC0CC



29EDFF



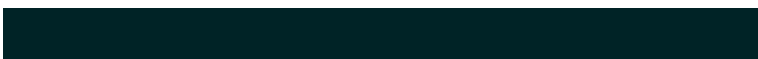
3E79CC



5C6566



0098A6



002326

Inverse Universe

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



CC3EC0



FF29ED



CC913E



665C65



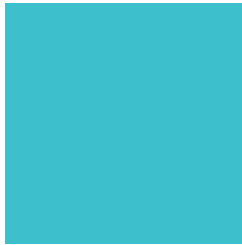
A60098



260023

Previews

White Background



This preview shows how the Hex color 3EC0CC looks on a white background.

Color Contrast Check

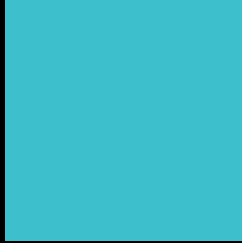
Large Text (above 18pt) WCAG AA × Fail

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 3EC0CC 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

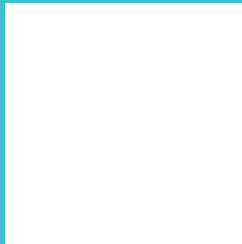
Any Text WCAG AAA ✓ Pass

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

Hex 3EC0CC Background



This preview shows how black text looks on a background with the Hex color 3EC0CC.

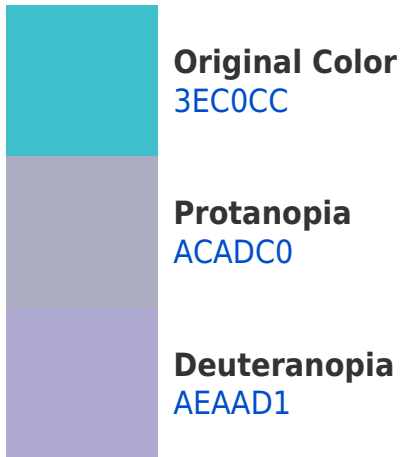


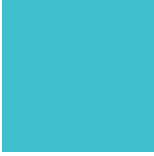
This preview shows how white text looks on a background with the Hex color 3EC0CC.

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
40COCF

Trichromacy



Original Color
3EC0CC



Protanomaly
84B4C4



Deuteranomaly
85B2CF

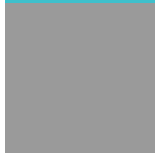


Tritanomaly
3FC0CE

Monochromacy



Original Color
3EC0CC



Achromatopsia
9A9A9A



Achromatomaly
79A8AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EC0CC 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 #3EC0CC looks like.

```
.text, #text, p{  
    color:#3EC0CC  
}
```

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 #3EC0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC0CC
}
```

Border

The CSS property to change the border of an element to Hex 3EC0CC 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
#3EC0CC }
```

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

```
.border{ border-color:#3EC0CC }
```

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

Here you see how a box with a 4 pixel #3EC0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC0CC; -webkit-box-shadow:4px 4px  
4px 4px #3EC0CC; box-shadow:4px 4px 4px  
4px #3EC0CC }
```

Background

The CSS property to change the background color of an element to Hex 3EC0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC0CC }
```

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

```
.background{ background-color:#3EC0CC }
```

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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