

Converting Colors

Hex(3EC0C3)

Have a look what the booklet for
Hex(3EC0C3) contains.

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Color

Hex(3EC0C3)

Conversions

Conversions Part 1

Format	Color
Hex	3EC0C3
RGB	62, 192, 195
RGB Percent	24%, 75%, 76%
CMY	0.7569, 0.2471, 0.2353
CMYK	0.68, 0.02, 0.00, 0.24
HSL	181°, 53%, 50%
HSV	181°, 68%, 76%
XYZ	30.6866, 42.6635, 58.2473
YIQ	153.4720, -78.4430, -26.6270

Conversions

Conversions Part 2

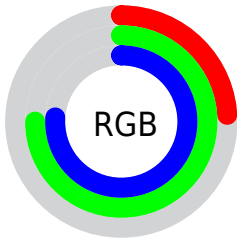
Format	Color
RYB	62, 128, 195
Decimal	4112579
CIELab	71.33, -33.40, -11.79
CIElCh	71, 35.417, 199.451
Yxy	42.6635, 0.2332, 0.3242
Android (android.graphics.Color)	4282302659 (0xFF3EC0C3)
YUV	153.4720, 20.4733, -80.2209
Hunter-Lab	65.3173, -30.4447, -7.1502

Details

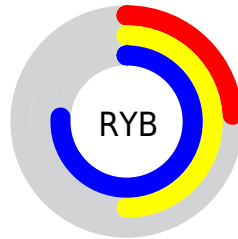
The Hex color **3EC0C3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C3413E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7FF9FC**, and **008A8D** is the 20% darker color. If you saturate the color by 10%, you get **2BC0C3**, and if you desaturate by 10%, it is **52C0C3**.

Distribution



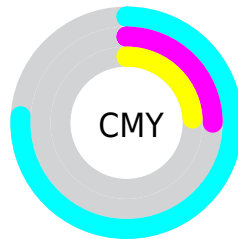
- Red (24%)
- Green (75%)
- Blue (76%)



- Red (24%)
- Yellow (50%)
- Blue (76%)



- Cyan (68%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EC0C3 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 3EC0C3 by changing the saturation by 10% instead.

 3EC0C3

 3EC0C3

FFFFFF

 06A5A8

 7FF9FC

 008A8D

 9EFFFF

 007074

 BCFFFF

 00575B

 DAFFFF

 003F44

 F8FFFF

 00292E

 000A1A

 000000

 3EC0C3

 3EC0C3

■ 2BC0C3

■ 52C0C3

■ 17BFC3

■ 65C1C3

■ 04BFC3

■ 79C1C3

■ 00BFC3

■ 8CC2C3

■ A0C2C3

■ B3C3C3

■ C7C3C3

■ DAC4C3

■ EEC4C3

Harmonies

Analogous

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



62BFA2



3EC0C3



41BDDF

Triad

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



3EC0C3



CC9FD9



CFA96F

Complementary

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



3EC0C3



C3413E

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.



E59E7F



3EC0C3



E697BB

Square

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



3EC0C3



A2AAEB



EE979B



AFB371

Rectangle

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



3EC0C3



5EB8EA



EE979B



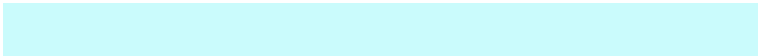
D7A573

Sweetspot

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



3EC0C3



CAFBFC



3EC340



617F80



000000



808080

Same Dimension

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



3EC0C3



2DF8FC



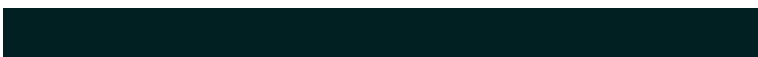
3E7EC3



576161



009DA1



002021

Inverse Universe

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



C33EC0



FC2DF8



C3833E



615761



A1009D



210020

Previews

White Background



This preview shows how the Hex color 3EC0C3 looks on a white background.

Color Contrast Check

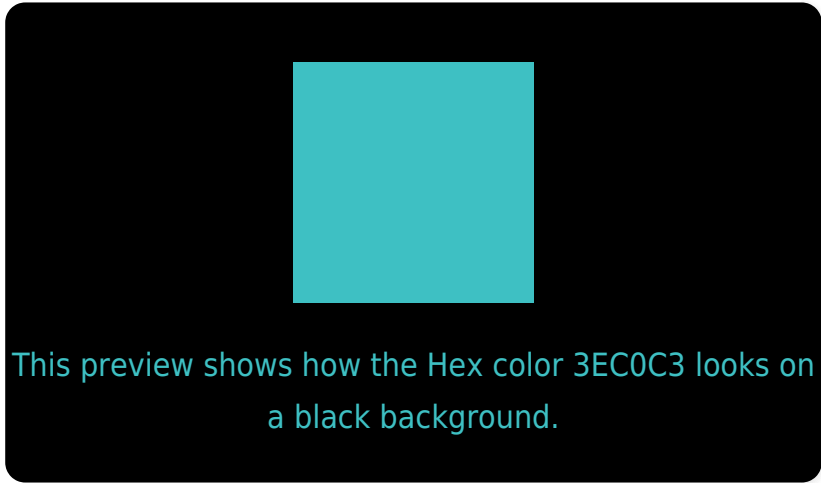
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

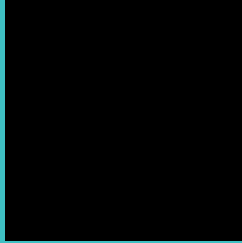
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

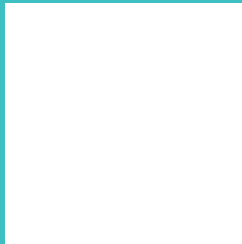
Any Text WCAG AAA ✓ Pass

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

Hex 3EC0C3 Background



This preview shows how black text looks on a background with the Hex color 3EC0C3.

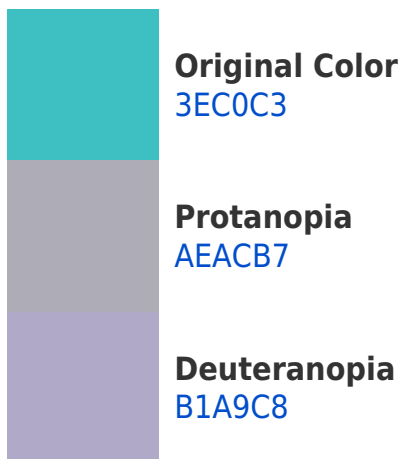


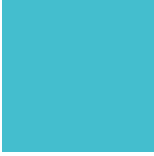
This preview shows how white text looks on a background with the Hex color 3EC0C3.

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





Trichromacy



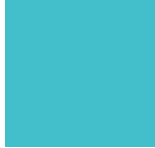
Original Color
3EC0C3



Protanomaly
85B3BB



Deuteranomaly
87B1C6



Tritanomaly
42BFCA

Monochromacy



Original Color
3EC0C3



Achromatopsia
999999



Achromatomaly
78A7A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EC0C3 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 #3EC0C3 looks like.

```
.text, #text, p{  
    color:#3EC0C3  
}
```

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 #3EC0C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC0C3
}
```

Border

The CSS property to change the border of an element to Hex 3EC0C3 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
#3EC0C3 }
```

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

```
.border{ border-color:#3EC0C3 }
```

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

Here you see how a box with a 4 pixel #3EC0C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC0C3; -webkit-box-shadow:4px 4px  
4px 4px #3EC0C3; box-shadow:4px 4px 4px  
4px #3EC0C3 }
```

Background

The CSS property to change the background color of an element to Hex 3EC0C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC0C3 }
```

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

```
.background{ background-color:#3EC0C3 }
```

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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