

Converting Colors

Hex(5ECAE3)

Have a look what the booklet for
Hex(5ECAE3) contains.

Hex(5ECAE3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5ECAE3)

Conversions

Conversions Part 1

Format	Color
Hex	5ECAE3
RGB	94, 202, 227
RGB Percent	37%, 79%, 89%
CMY	0.6314, 0.2078, 0.1098
CMYK	0.59, 0.11, 0.00, 0.11
HSL	191°, 70%, 63%
HSV	191°, 59%, 89%
XYZ	39.6018, 50.1668, 80.2690
YIQ	172.5580, -72.3930, -15.1210

Conversions

Conversions Part 2

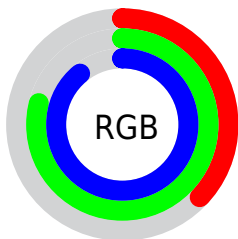
Format	Color
RYB	94, 154, 227
Decimal	6212323
CIELab	76.17, -23.84, -21.76
CIELCh	76, 32.278, 222.378
Yxy	50.1668, 0.2329, 0.2950
Android (android.graphics.Color)	4284402403 (0xFF5ECAE3)
YUV	172.5580, 26.8399, -68.8954
Hunter-Lab	70.8285, -24.1467, -17.6126

Details

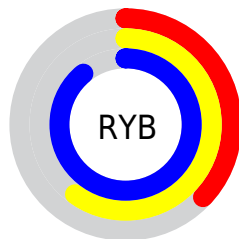
The Hex color **5ECAE3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E3775E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9BFFFF**, and **0694AC** is the 20% darker color. If you saturate the color by 10%, you get **47C6E3**, and if you desaturate by 10%, it is **75CEE3**.

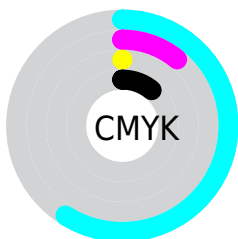
Distribution



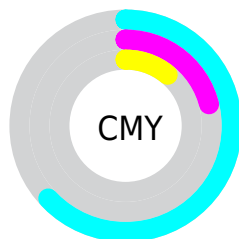
- Red (37%)
- Green (79%)
- Blue (89%)



- Red (37%)
- Yellow (60%)
- Blue (89%)



- Cyan (59%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (63%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ECAE3 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 5ECAE3 by changing the saturation by 10% instead.

 5ECAE3

 5ECAE3

FFFFFF

 3CAEC7

 9BFFFF

 0694AC

 B9FFFF

 007A91

 D7FFFF

 006177

 F5FFFF

 00495E

 003247

 001F30

 00011B

 000000

■ 5ECAE3

■ 5ECAE3

■ 47C6E3

■ 75CEE3

■ 31C1E3

■ 8BD3E3

■ 1ABDE3

■ A2D7E3

■ 03B9E3

■ B9DBE3

■ 00B8E3

■ D0DFE3

■ E6E4E3

■ FDE8E3

■ FFECE3

■ FFF0E3

Harmonies

Analogous

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



63CCC8



5ECAE3



7BC4F4

Triad

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



5ECAE3



ECA8CF



C4BE81

Complementary

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



5ECAE3



E3775E

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.



E0B484



5ECAE3



F7A6B0

Square

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



5ECAE3



D0B0E8



F3AB95



A3C68F

Rectangle

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



5ECAE3



98BEF7



F3AB95



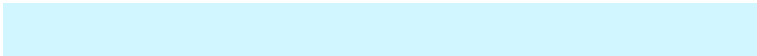
CEBB80

Sweetspot

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



5ECAE3



D1F6FF



5EE376



637A80



000000



808080

Same Dimension

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



5ECAE3



4DDDFE



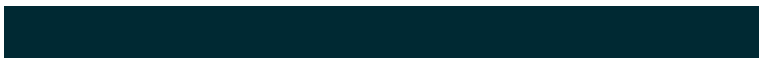
5E88E3



677173



0091B3



002933

Inverse Universe

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



E35ECA



FF4DDD



E3B95E



736771



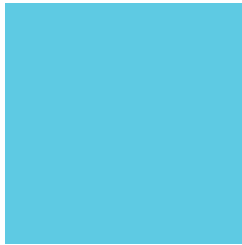
B30091



330029

Previews

White Background



This preview shows how the Hex color 5ECAE3 looks on a white background.

Color Contrast Check

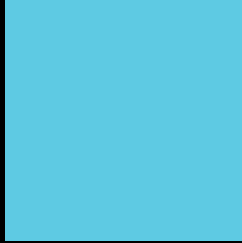
Large Text (above 18pt) WCAG AA × Fail

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 5ECAE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

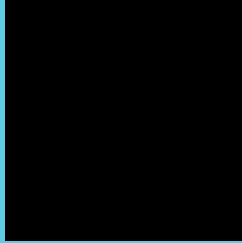
Any Text WCAG AA ✓ Pass

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 5ECAE3 Background



This preview shows how black text looks on a background with the Hex color 5ECAE3.

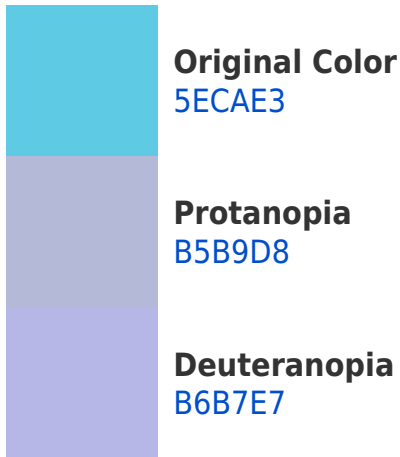


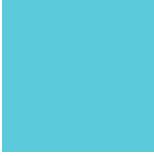
This preview shows how white text looks on a background with the Hex color 5ECAE3.

Color Blindness Simulation

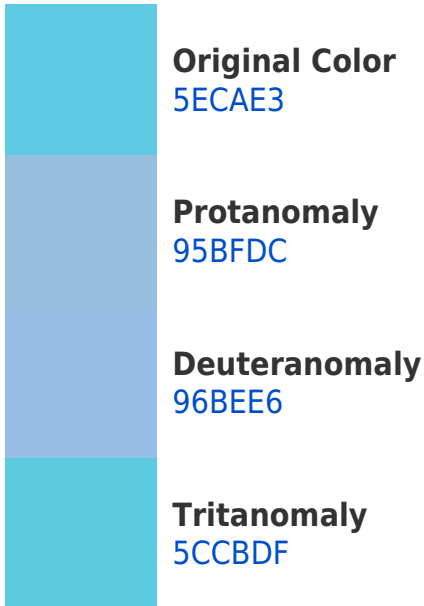
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

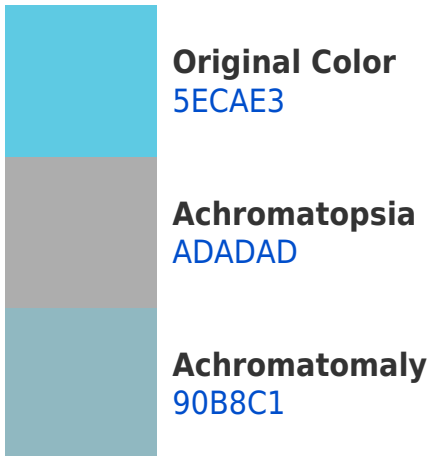




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ECAE3 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 #5ECAE3 looks like.

```
.text, #text, p{  
    color:#5ECAE3  
}
```

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 #5ECAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ECAE3
}
```

Border

The CSS property to change the border of an element to Hex 5ECAE3 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
#5ECAE3 }
```

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

```
.border{ border-color:#5ECAE3 }
```

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

Here you see how a box with a 4 pixel #5ECAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ECAE3; -webkit-box-shadow:4px 4px  
4px 4px #5ECAE3; box-shadow:4px 4px 4px  
4px #5ECAE3 }
```

Background

The CSS property to change the background color of an element to Hex 5ECAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ECAE3 }
```

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

```
.background{ background-color:#5ECAE3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor