

Converting Colors

Hex(5AE3D3)

Have a look what the booklet for
Hex(5AE3D3) contains.

Hex(5AE3D3)	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(5AE3D3)

Conversions

Conversions Part 1

Format	Color
Hex	5AE3D3
RGB	90, 227, 211
RGB Percent	35%, 89%, 83%
CMY	0.6471, 0.1098, 0.1725
CMYK	0.60, 0.00, 0.07, 0.11
HSL	173°, 71%, 62%
HSV	173°, 60%, 89%
XYZ	43.4434, 61.8150, 71.2698
YIQ	184.2130, -76.5160, -34.0200

Conversions

Conversions Part 2

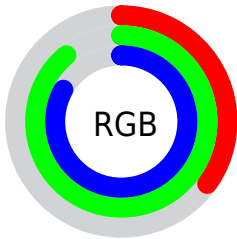
Format	Color
RYB	90, 163, 227
Decimal	5956563
CIELab	82.81, -40.77, -3.28
CIELCh	83, 40.906, 184.600
Yxy	61.8150, 0.2461, 0.3502
Android (android.graphics.Color)	4284146643 (0xFF5AE3D3)
YUV	184.2130, 13.2060, -82.6248
Hunter-Lab	78.6225, -38.9580, 1.2905

Details

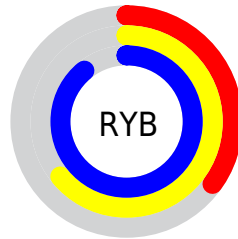
The Hex color **5AE3D3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E35A6A**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **99FFFF**, and **00AB9D** is the 20% darker color. If you saturate the color by 10%, you get **43E3D0**, and if you desaturate by 10%, it is **71E3D6**.

Distribution



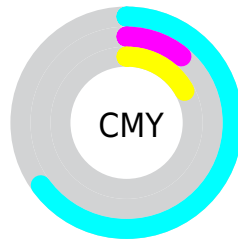
- Red (35%)
- Green (89%)
- Blue (83%)



- Red (35%)
- Yellow (64%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE3D3 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 5AE3D3 by changing the saturation by 10% instead.

 5AE3D3

 5AE3D3

FFFFFF

 36C7B7

 99FFFF

 00AB9D

 B7FFFF

 009083

 D5FFFF

 007669

 F4FFFF

 005C51

 00443A

 002D25

 001210

 000000

 5AE3D3

 5AE3D3

 43E3D0

 71E3D6

 2DE3CE

 87E3D8

 16E3CB

 9EE3DB

 00E3C8

 B5E3DE

 CCE3E0

 E2E3E3

 F9E3E6

 FFE3E8

 FFE3EB

Harmonies

Analogous

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



8BE0AC



5AE3D3



3CE1F9

Triad

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



5AE3D3



DBC2FF



FFC18A

Complementary

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



5AE3D3



E35A6A

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.



FFB5A4



5AE3D3



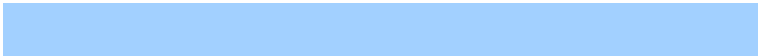
FFB6F0

Square

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



5AE3D3



A2D0FF



FFB1CA



E2CE81

Rectangle

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



5AE3D3



50DEFF



FFB1CA



FFBC91

Sweetspot

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



5AE3D3



D1FFFA



6CE35A



63807C



000000



808080

Same Dimension

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



5AE3D3



47FFEA



5AB1E3



677371



00B39E



00332D

Inverse Universe

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



E35A6A



FF475D



E38C5A



736769



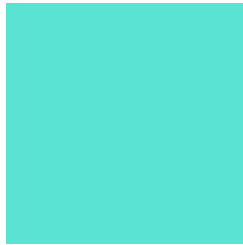
B30015



330006

Previews

White Background



This preview shows how the Hex color 5AE3D3 looks on a white background.

Color Contrast Check

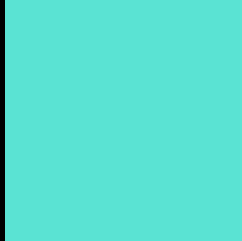
Large Text (above 18pt) WCAG AA × Fail

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 5AE3D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

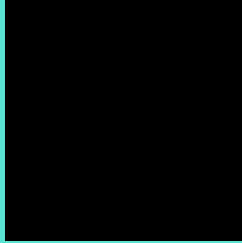
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

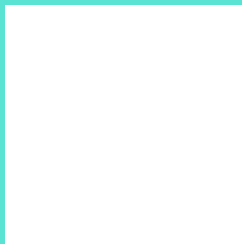
Any Text WCAG AAA ✓ Pass

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

Hex 5AE3D3 Background



This preview shows how black text looks on a background with the Hex color 5AE3D3.

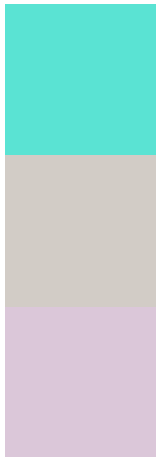


This preview shows how white text looks on a background with the Hex color 5AE3D3.

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](#).

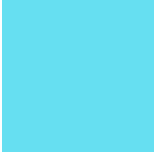
Dichromacy



Original Color
5AE3D3

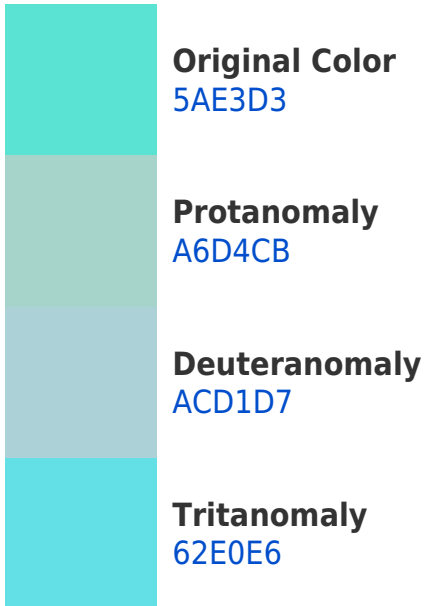
Protanopia
D2CCC6

Deuteranopia
DBC7D9



Tritanopia
66DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE3D3 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 #5AE3D3 looks like.

```
.text, #text, p{  
    color:#5AE3D3  
}
```

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 #5AE3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE3D3
}
```

Border

The CSS property to change the border of an element to Hex 5AE3D3 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
#5AE3D3 }
```

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

```
.border{ border-color:#5AE3D3 }
```

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

Here you see how a box with a 4 pixel #5AE3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE3D3; -webkit-box-shadow:4px 4px  
4px 4px #5AE3D3; box-shadow:4px 4px 4px  
4px #5AE3D3 }
```

Background

The CSS property to change the background color of an element to Hex 5AE3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE3D3 }
```

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

```
.background{ background-color:#5AE3D3 }
```

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