

# Converting Colors

Hex(3AEAE9)

Have a look what the booklet for  
Hex(3AEAE9) contains.

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# Color

**Hex(3AEAE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AEAE9
RGB	58, 234, 233
RGB Percent	23%, 92%, 91%
CMY	0.7725, 0.0824, 0.0863
CMYK	0.75, 0.00, 0.00, 0.08
HSL	180°, 81%, 57%
HSV	180°, 75%, 92%
XYZ	45.8757, 65.6284, 87.3404
YIQ	181.2620, -104.5750, -37.6230

# Conversions

## Conversions Part 2

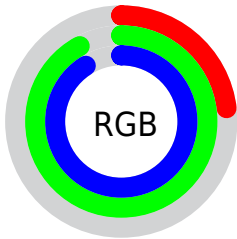
Format	Color
<a href="#">RYB</a>	58, 146, 234
Decimal	3861225
CIELab	84.81, -42.30, -12.03
CIELCh	85, 43.977, 195.869
Yxy	65.6284, 0.2307, 0.3300
Android (android.graphics.Color)	4282051305 (0xFF3AEAE9)
YUV	181.2620, 25.5068, -108.1008
Hunter-Lab	81.0113, -40.6875, -7.2142

# Details

The Hex color **3AEAE9** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EA3A3B**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **85FFFF**, and **00B2B1** is the 20% darker color. If you saturate the color by 10%, you get **23EAE9**, and if you desaturate by 10%, it is **51EAE9**.

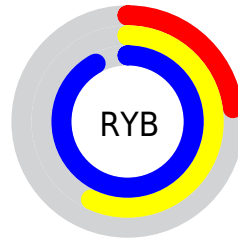
# Distribution



Red (23%)

Green (92%)

Blue (91%)



Red (23%)

Yellow (57%)

Blue (92%)

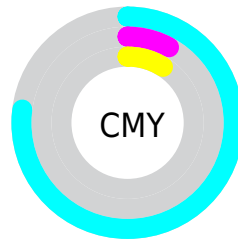


Cyan (75%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (77%)

Magenta (8%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AEAE9 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 3AEAE9 by changing the saturation by 10% instead.



 3AEAE9

 3AEAE9


FFFFFF

 00CDCD

 85FFFF

 00B2B1

 A6FFFF

 009697

 C6FFFF

 007C7D

 E5FFFF

 006264

 00494C

 003235

 001A20

 000007

 3AEAE9

 3AEAE9

 23EAE9

 51EAE9

 0BEAE9

 69EAE9

 00EAE9

 80EAE9

 98EAEA

 AFEAEA

 C6EAEA

 DEEAEA

 F5EAEA

 FFEAEA

# Harmonies

## Analogous

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



76E9BE



3AEAE9



2EE6FF

# Triad

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



3AEAE9



F4C1FF



FFCA83

# Complementary

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



3AEAE9



EA3A3B

# 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.



FFBD9A



3AEAE9



FFB6E9

# Square

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



3AEAE9



BCD0FF



FFB4BF



D9D883

# Rectangle

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



3AEAE9



5CE1FF



FFB4BF



FFC689

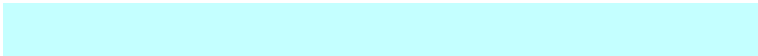


# Sweetspot

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



3AEAE9



C4FFFF



3DEA3A



5C807F



000000



808080



# Same Dimension

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



3AEAE9



19FFFE



3A95EA



6A7575



00B5B4



003635



# Inverse Universe

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



EA3A3B



FF191B



EA8F3A



756A6A



B50001

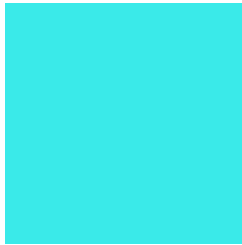


360000



# Previews

## White Background



This preview shows how the Hex color 3AEAE9 looks on a white background.

## Color Contrast Check

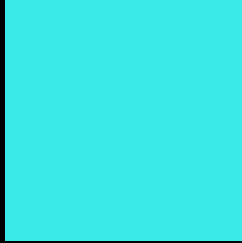
Large Text (above 18pt) WCAG AA × Fail

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 3AEAE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

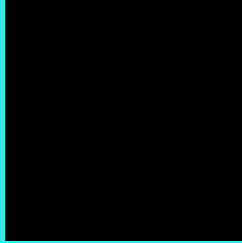
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3AEAE9 Background



This preview shows how black text looks on a background with the Hex color 3AEAE9.

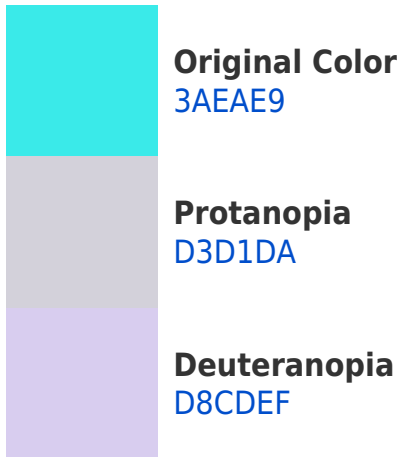


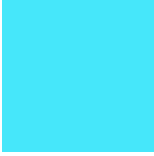
This preview shows how white text looks on a background with the Hex color 3AEAE9.

# 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**  
46E7FA

# Trichromacy



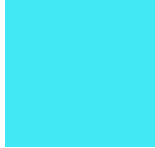
**Original Color**  
3AEAE9



**Protanomaly**  
9BDADF



**Deuteranomaly**  
9FD8ED

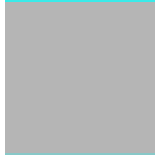


**Tritanomaly**  
42E8F4

# Monochromacy



**Original Color**  
3AEAE9



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
88C8C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AEAE9 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 #3AEAE9 looks like.

```
.text, #text, p{  
    color:#3AEAE9  
}
```

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 #3AEAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AEAE9
}
```

## Border

The CSS property to change the border of an element to Hex 3AEAE9 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
#3AEAE9 }
```

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

```
.border{ border-color:#3AEAE9 }
```

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

Here you see how a box with a 4 pixel #3AEAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AEAE9; -webkit-box-shadow:4px 4px  
4px 4px #3AEAE9; box-shadow:4px 4px 4px  
4px #3AEAE9 }
```

# Background

The CSS property to change the background color of an element to Hex 3AEAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AEAE9 }
```

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

```
.background{ background-color:#3AEAE9 }
```

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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