

# Converting Colors

Hex(9BE0EA)

Have a look what the booklet for  
Hex(9BE0EA) contains.

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# **Color**

**Hex(9BE0EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE0EA
RGB	155, 224, 234
RGB Percent	61%, 88%, 92%
CMY	0.3922, 0.1216, 0.0824
CMYK	0.34, 0.04, 0.00, 0.08
HSL	188°, 65%, 76%
HSV	188°, 34%, 92%
XYZ	55.0245, 66.2204, 87.7236
YIQ	204.5090, -44.3340, -11.5180

# Conversions

## Conversions Part 2

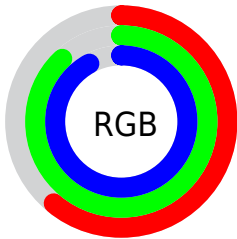
Format	Color
<a href="#">RYB</a>	<a href="#">155, 192, 234</a>
Decimal	<a href="#">10215658</a>
CIELab	<a href="#">85.11, -19.10, -11.78</a>
CIElCh	<a href="#">85, 22.434, 211.662</a>
Yxy	<a href="#">66.2204, 0.2633, 0.3169</a>
Android (android.graphics.Color)	<a href="#">4288405738 (0xFF9BE0EA)</a>
YUV	<a href="#">204.5090, 14.5391, -43.4194</a>
Hunter-Lab	<a href="#">81.3759, -21.7103, -6.9518</a>

# Details

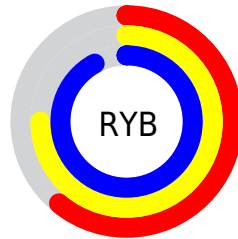
The Hex color **9BE0EA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EAA59B**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D4FFFF**, and **64A9B2** is the 20% darker color. If you saturate the color by 10%, you get **84DDEA**, and if you desaturate by 10%, it is **B2E3EA**.

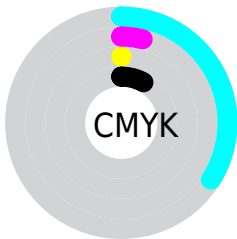
# Distribution



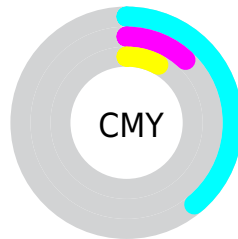
- Red (61%)
- Green (88%)
- Blue (92%)



- Red (61%)
- Yellow (75%)
- Blue (92%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (39%)
- Magenta (12%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE0EA 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 9BE0EA by changing the saturation by 10% instead.



 9BE0EA

 9BE0EA

FFFFFF

 7FC4CE

 D4FFFF

 64A9B2

 F1FFFF

 498E98

 2C747E

 055C65

 00444D

 002D36

 001A21

 000008

9BE0EA

9BE0EA

84DDEA

B2E3EA

6CDAEA

CAE6EA

55D7EA

E1E9EA

3DD4EA

F9ECEA

26D1EA

FFEFEA

0FCEEA

FFF2EA

00CCEA

FFF5EA

FFF8EA

FFFBEA

# Harmonies

## Analogous

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



A2E1D5



9BE0EA



A6DCF9

# Triad

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



9BE0EA



F1C9E9



E4D3AA

# Complementary

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



9BE0EA



EAA59B

# 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.



F6CDB0



9BE0EA



FFC6D4

# Square

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



9BE0EA



DACFF9



FFC7BF



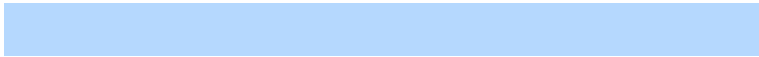
CCDAB0

# Rectangle

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



9BE0EA



B5D8FE



FFC7BF



EBD1AB

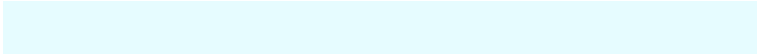


# Sweetspot

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



9BE0EA



E6FCFF



9BEAA4



707E80



000000



808080



# Same Dimension

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



9BE0EA



96F2FF



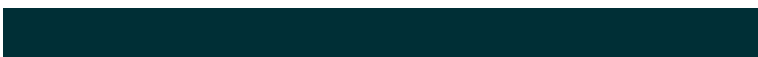
9BB9EA



6A7475



009EB5



002F36



# Inverse Universe

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



EA9BE0



FF96F2



EACC9B



756A74



B5009E

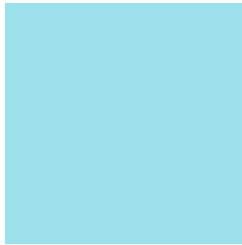


36002F



# Previews

## White Background



This preview shows how the Hex color 9BE0EA looks on a white background.

## Color Contrast Check

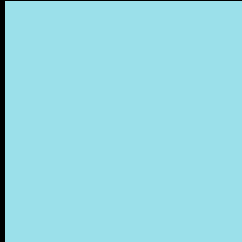
Large Text (above 18pt) WCAG AA × Fail

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 9BE0EA 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 9BE0EA Background



This preview shows how black text looks on a background with the Hex color 9BE0EA.

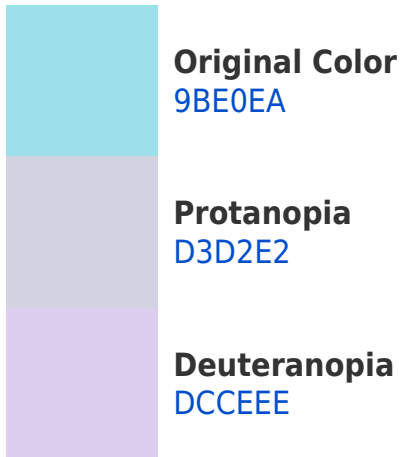


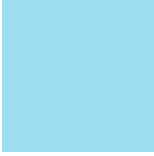
This preview shows how white text looks on a background with the Hex color 9BE0EA.

# 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](#).

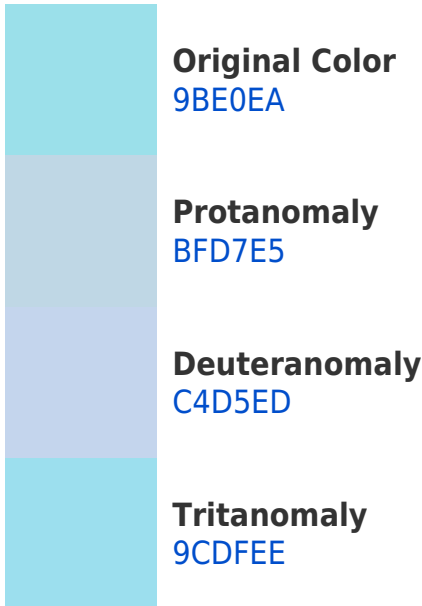
## Dichromacy



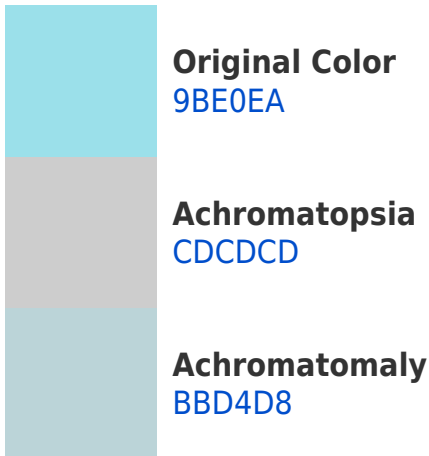


**Tritanopia**  
9DDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE0EA 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 #9BE0EA looks like.

```
.text, #text, p{  
    color:#9BE0EA  
}
```

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 #9BE0EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE0EA
}
```

## Border

The CSS property to change the border of an element to Hex 9BE0EA 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
#9BE0EA }
```

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

```
.border{ border-color:#9BE0EA }
```

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

Here you see how a box with a 4 pixel #9BE0EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE0EA; -webkit-box-shadow:4px 4px  
4px 4px #9BE0EA; box-shadow:4px 4px 4px  
4px #9BE0EA }
```

# Background

The CSS property to change the background color of an element to Hex 9BE0EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE0EA }
```

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

```
.background{ background-color:#9BE0EA }
```

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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