

# Converting Colors

Hex(9BE1E1)

Have a look what the booklet for  
Hex(9BE1E1) contains.

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# **Color**

**Hex(9BE1E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE1E1
RGB	155, 225, 225
RGB Percent	61%, 88%, 88%
CMY	0.3922, 0.1176, 0.1176
CMYK	0.31, 0.00, 0.00, 0.12
HSL	180°, 54%, 75%
HSV	180°, 31%, 88%
XYZ	54.0334, 66.2552, 81.1748
YIQ	204.0700, -41.7200, -14.8400

# Conversions

## Conversions Part 2

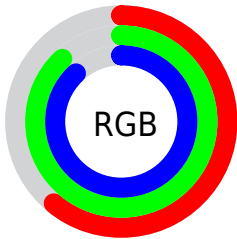
Format	Color
<b>RYB</b>	155, 190, 225
Decimal	10215905
CIELab	85.13, -21.69, -6.99
CIElCh	85, 22.788, 197.873
Yxy	66.2552, 0.2682, 0.3289
Android (android.graphics.Color)	4288405985 (0xFF9BE1E1)
YUV	204.0700, 10.3185, -43.0344
Hunter-Lab	81.3973, -23.9529, -2.1498

# Details

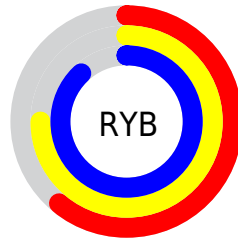
The Hex color **9BE1E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E19B9B**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D4FFFF**, and **64AAAA** is the 20% darker color. If you saturate the color by 10%, you get **84E1E1**, and if you desaturate by 10%, it is **B2E1E1**.

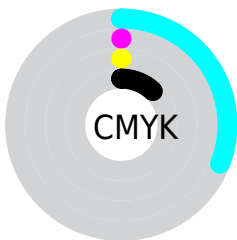
# Distribution



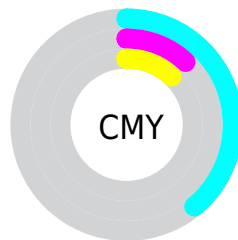
- Red (61%)
- Green (88%)
- Blue (88%)



- Red (61%)
- Yellow (75%)
- Blue (88%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE1E1 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 9BE1E1 by changing the saturation by 10% instead.



 9BE1E1

 9BE1E1

FFFFFF

 80C5C5

 D4FFFF

 64AAAA

 F1FFFF

 4A8F8F

 2E7576

 0B5C5D

 004446

 002E2F

 001B1A

 000000

 9BE1E1

 9BE1E1

 84E1E1

 B2E1E1

 6EE1E1

 C8E1E1

 57E1E1

 DEE1E1

 41E1E1

 F5E1E1

 2BE1E1

 FFE1E1

 14E1E1

 00E1E1

# Harmonies

## Analogous

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



A9E0CB



9BE1E1



9EDEF4

# Triad

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



9BE1E1



E8CBF2



EED0AB

# Complementary

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



9BE1E1



E19B9B

# 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.



FDCAB6



9BE1E1



FBC6DE

# Square

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



9BE1E1



CDD2FD



FFC6C8



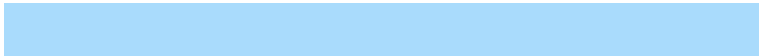
D8D7AC

# Rectangle

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



9BE1E1



A9DBFC



FFC6C8



F4CEAD



# Sweetspot

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



9BE1E1



E8FFFF



9BE19B



718080



000000



808080



# Same Dimension

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



9BE1E1



A1FFFF



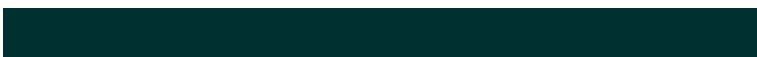
9BBEE1



657070



00B0B0



003030



# Inverse Universe

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



E19BE1



FFA1FF



E1BE9B



706570



B000B0

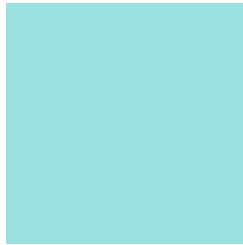


300030



# Previews

## White Background



This preview shows how the Hex color 9BE1E1 looks on a white background.

## Color Contrast Check

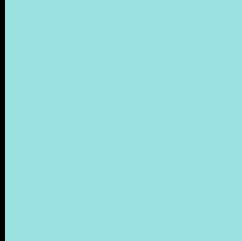
Large Text (above 18pt) WCAG AA × Fail

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 9BE1E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

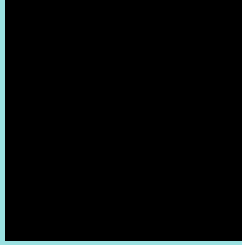
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BE1E1 Background



This preview shows how black text looks on a background with the Hex color 9BE1E1.

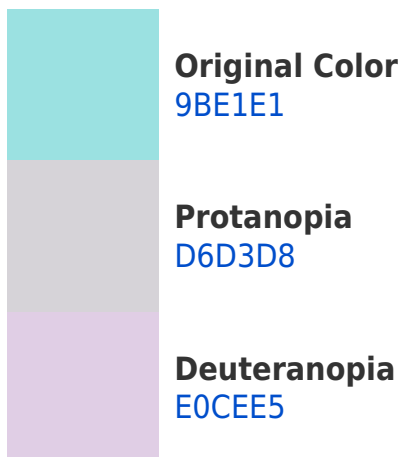


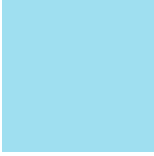
This preview shows how white text looks on a background with the Hex color 9BE1E1.

# 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](#).

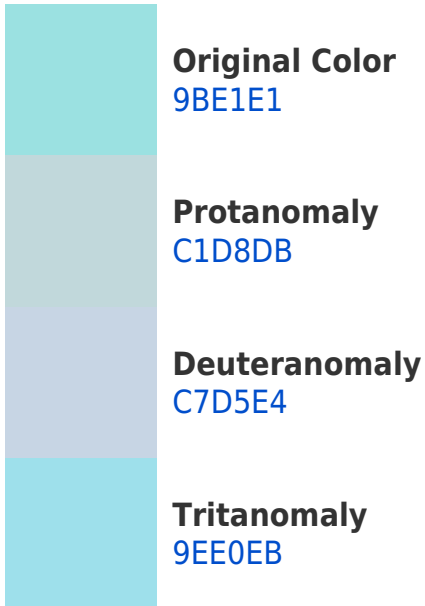
## Dichromacy





**Tritanopia**  
9FDFF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE1E1 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 #9BE1E1 looks like.

```
.text, #text, p{  
    color:#9BE1E1  
}
```

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 #9BE1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE1E1  
}
```

## Border

The CSS property to change the border of an element to Hex 9BE1E1 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  
#9BE1E1 }
```

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

```
.border{ border-color:#9BE1E1 }
```

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

Here you see how a box with a 4 pixel #9BE1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE1E1; -webkit-box-shadow:4px 4px  
4px 4px #9BE1E1; box-shadow:4px 4px 4px  
4px #9BE1E1 }
```

# Background

The CSS property to change the background color of an element to Hex 9BE1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE1E1 }
```

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

```
.background{ background-color:#9BE1E1 }
```

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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