

Converting Colors

Hex(9BE2E2)

Have a look what the booklet for
Hex(9BE2E2) contains.

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Color

Hex(9BE2E2)

Conversions

Conversions Part 1

Format	Color
Hex	9BE2E2
RGB	155, 226, 226
RGB Percent	61%, 89%, 89%
CMY	0.3922, 0.1137, 0.1137
CMYK	0.31, 0.00, 0.00, 0.11
HSL	180°, 55%, 75%
HSV	180°, 31%, 89%
XYZ	54.4414, 66.8523, 81.9859
YIQ	204.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

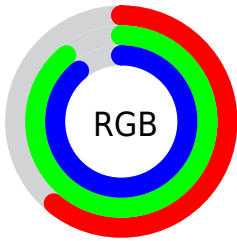
Format	Color
R _Y B	155, 191, 226
Decimal	10216162
CIE Lab	85.43, -21.95, -7.07
CIE LCh	85, 23.066, 197.859
Yxy	66.8523, 0.2678, 0.3289
Android (android.graphics.Color)	4288406242 (0xFF9BE2E2)
YUV	204.7710, 10.4659, -43.6492
Hunter-Lab	81.7632, -24.2329, -2.2172

Details

The Hex color **9BE2E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E29B9B**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D4FFFF**, and **64AAAB** is the 20% darker color. If you saturate the color by 10%, you get **84E2E2**, and if you desaturate by 10%, it is **B2E2E2**.

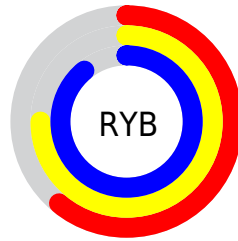
Distribution



Red (61%)

Green (89%)

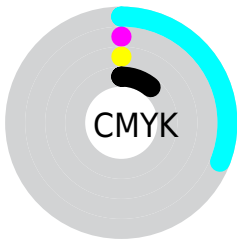
Blue (89%)



Red (61%)

Yellow (75%)

Blue (89%)

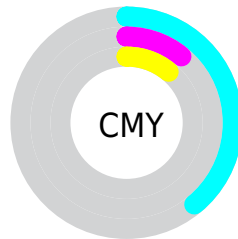


Cyan (31%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (39%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE2E2 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 9BE2E2 by changing the saturation by 10% instead.

 9BE2E2

 9BE2E2

FFFFFF

 7FC6C6

 D4FFFF

 64AAAB

 F1FFFF

 499090

 2D7677

 095D5E

 004546

 002E30

 001C1B

 000000

 9BE2E2

 9BE2E2

 84E2E2

 B2E2E2

 6EE2E2

 C8E2E2

 57E2E2

 DFE2E2

 41E2E2

 F5E2E2

 2AE2E2

 FFE2E2

 13E2E2

 00E2E2

Harmonies

Analogous

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



A9E1CC



9BE2E2



9EDFF5

Triad

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



9BE2E2



E9CCF3



EFD1AB

Complementary

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



9BE2E2



E29B9B

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.



FECAB6



9BE2E2



FCC7DF

Square

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



9BE2E2



CED3FF



FFC6C9



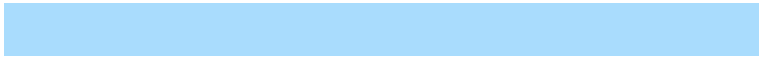
D9D8AC

Rectangle

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



9BE2E2



A9DCFD



FFC6C9



F5CFAE

Sweetspot

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



9BE2E2



E8FFFF



9BE29B



718080



000000



808080

Same Dimension

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



9BE2E2



9EFFFF



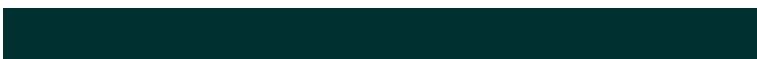
9BBFE2



657070



00B0B0



003030

Inverse Universe

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



E29BE2



FF9EFF



E2BF9B



706570



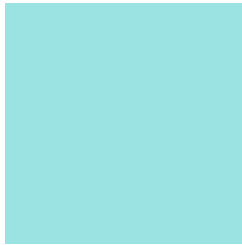
B000B0



300030

Previews

White Background



This preview shows how the Hex color 9BE2E2 looks on a white background.

Color Contrast Check

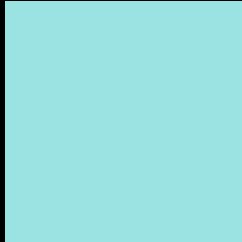
Large Text (above 18pt) WCAG AA × Fail

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 9BE2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

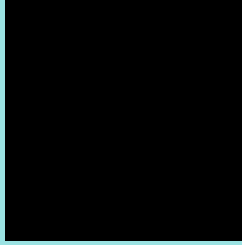
Any Text WCAG AA ✓ Pass

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 9BE2E2 Background



This preview shows how black text looks on a background with the Hex color 9BE2E2.

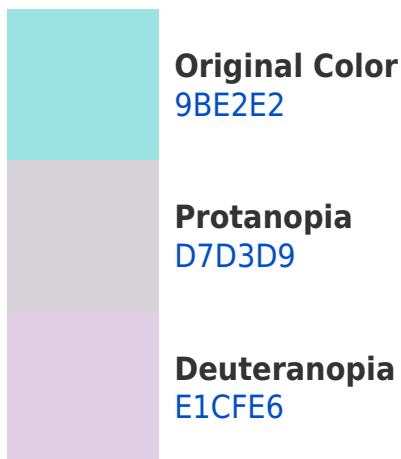


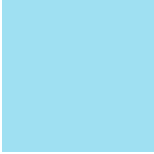
This preview shows how white text looks on a background with the Hex color 9BE2E2.

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



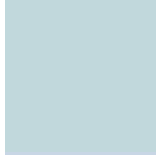


Tritanopia
9FE0F2

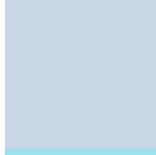
Trichromacy



Original Color
9BE2E2



Protanomaly
C1D8DC



Deuteranomaly
C8D6E5

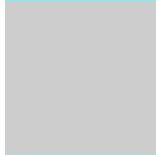


Tritanomaly
9EE1EC

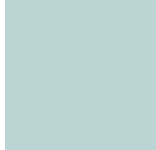
Monochromacy



Original Color
9BE2E2



Achromatopsia
CDCDCD



Achromatomaly
BBD5D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE2E2 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 #9BE2E2 looks like.

```
.text, #text, p{  
    color:#9BE2E2  
}
```

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 #9BE2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE2E2
}
```

Border

The CSS property to change the border of an element to Hex 9BE2E2 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
#9BE2E2 }
```

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

```
.border{ border-color:#9BE2E2 }
```

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

Here you see how a box with a 4 pixel #9BE2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE2E2; -webkit-box-shadow:4px 4px  
4px 4px #9BE2E2; box-shadow:4px 4px 4px  
4px #9BE2E2 }
```

Background

The CSS property to change the background color of an element to Hex 9BE2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE2E2 }
```

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

```
.background{ background-color:#9BE2E2 }
```

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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