

Converting Colors

Hex(89E1E2)

Have a look what the booklet for
Hex(89E1E2) contains.

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Color

Hex(89E1E2)

Conversions

Conversions Part 1

Format	Color
Hex	89E1E2
RGB	137, 225, 226
RGB Percent	54%, 88%, 89%
CMY	0.4627, 0.1176, 0.1137
CMYK	0.39, 0.00, 0.00, 0.11
HSL	181°, 61%, 71%
HSV	181°, 39%, 89%
XYZ	50.9692, 64.6598, 81.7457
YIQ	198.8020, -52.7690, -18.3450

Conversions

Conversions Part 2

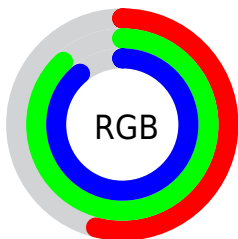
Format	Color
RYB	137, 181, 226
Decimal	9036258
CIELab	84.31, -26.14, -8.83
CIELCh	84, 27.594, 198.660
Yxy	64.6598, 0.2582, 0.3276
Android (android.graphics.Color)	4287226338 (0xFF89E1E2)
YUV	198.8020, 13.4086, -54.2004
Hunter-Lab	80.4113, -27.5764, -3.9860

Details

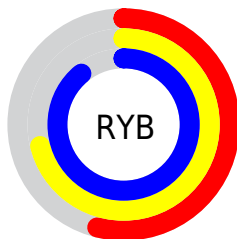
The Hex color **89E1E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E28A89**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C2FFFF**, and **50A9AB** is the 20% darker color. If you saturate the color by 10%, you get **72E1E2**, and if you desaturate by 10%, it is **A0E1E2**.

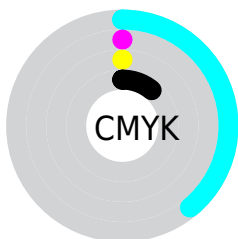
Distribution



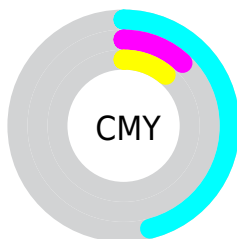
- Red (54%)
- Green (88%)
- Blue (89%)



- Red (54%)
- Yellow (71%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E1E2 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 89E1E2 by changing the saturation by 10% instead.

 89E1E2

 89E1E2

FFFFFF

 6DC5C6

 C2FFFF

 50A9AB

 DFFFFF

 328F90

FDFFFF

 057577

 005C5E

 004446

 002D30

 00181B

 000000

 89E1E2

 89E1E2

 72E1E2

 A0E1E2

 5CE0E2

 B6E2E2

 45E0E2


 CDE2E2

 2FE0E2

 E3E2E2

 18E0E2

 FAE2E2

 01DFE2

 FFE3E2

 00DFE2

Harmonies

Analogous

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



9BE0C7



89E1E2



8CDEF9

Triad

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



89E1E2



EAC6F5



EFCDA0

Complementary

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



89E1E2



E28A89

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.



FFC5AC



89E1E2



FFC1DD

Square

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



89E1E2



C9CFFF



FFC0C3



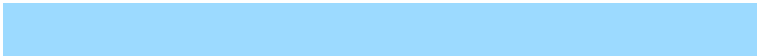
D5D6A1

Rectangle

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



89E1E2



9CDAFF



FFC0C3



F6CAA3

Sweetspot

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



89E1E2



E0FFFF



89E289



6E7F80



000000



808080

Same Dimension

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



89E1E2



87FEFF



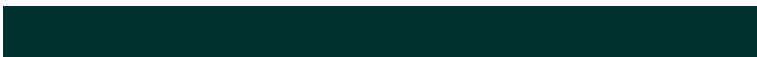
89B5E2



657070



00AEB0



003030

Inverse Universe

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



E289E1



FF87FE



E2B589



706570



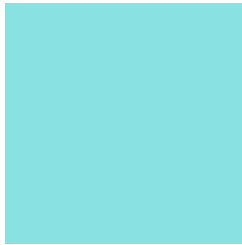
B000AE



300030

Previews

White Background



This preview shows how the Hex color 89E1E2 looks on a white background.

Color Contrast Check

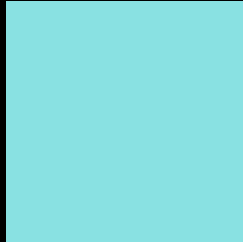
Large Text (above 18pt) WCAG AA × Fail

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 89E1E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

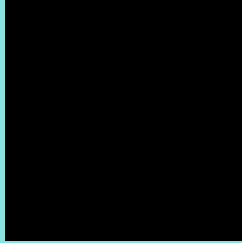
Any Text WCAG AA ✓ Pass

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 89E1E2 Background



This preview shows how black text looks on a background with the Hex color 89E1E2.

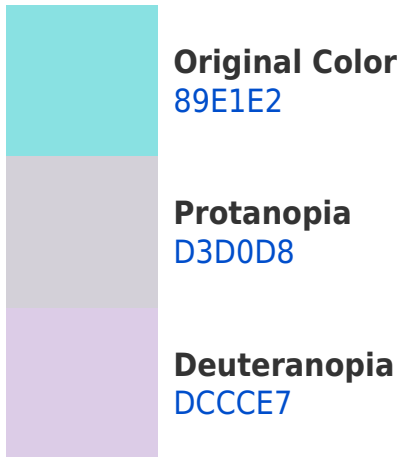


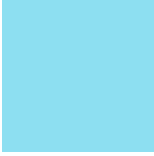
This preview shows how white text looks on a background with the Hex color 89E1E2.

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](#).

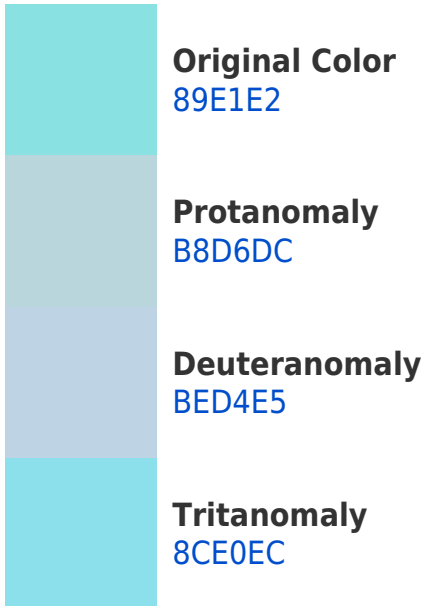
Dichromacy



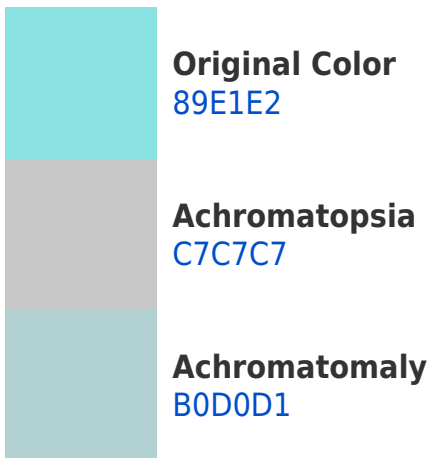


Tritanopia
8DDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89E1E2 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 #89E1E2 looks like.

```
.text, #text, p{  
    color:#89E1E2  
}
```

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 #89E1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E1E2
}
```

Border

The CSS property to change the border of an element to Hex 89E1E2 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
#89E1E2 }
```

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

```
.border{ border-color:#89E1E2 }
```

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

Here you see how a box with a 4 pixel #89E1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E1E2; -webkit-box-shadow:4px 4px  
4px 4px #89E1E2; box-shadow:4px 4px 4px  
4px #89E1E2 }
```

Background

The CSS property to change the background color of an element to Hex 89E1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E1E2 }
```

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

```
.background{ background-color:#89E1E2 }
```

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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