

Converting Colors

Hex(89D2E3)

Have a look what the booklet for
Hex(89D2E3) contains.

Hex(89D2E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89D2E3)

Conversions

Conversions Part 1

Format	Color
Hex	89D2E3
RGB	137, 210, 227
RGB Percent	54%, 82%, 89%
CMY	0.4627, 0.1765, 0.1098
CMYK	0.40, 0.07, 0.00, 0.11
HSL	191°, 62%, 71%
HSV	191°, 40%, 89%
XYZ	47.2282, 56.9576, 81.1778
YIQ	190.1110, -48.9650, -10.1890

Conversions

Conversions Part 2

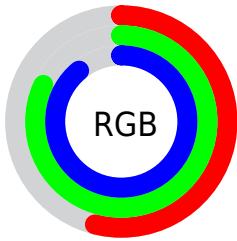
Format	Color
R _{YB}	137, 177, 227
Decimal	9032419
CIE Lab	80.16, -18.44, -15.57
CIE LCh	80, 24.130, 220.173
Yxy	56.9576, 0.2548, 0.3073
Android (android.graphics.Color)	4287222499 (0xFF89D2E3)
YUV	190.1110, 18.1863, -46.5783
Hunter-Lab	75.4703, -20.3701, -10.9447

Details

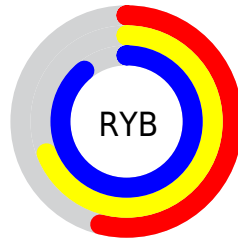
The Hex color **89D2E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E39A89**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C2FFFF**, and **519BAC** is the 20% darker color. If you saturate the color by 10%, you get **72CEE3**, and if you desaturate by 10%, it is **A0D6E3**.

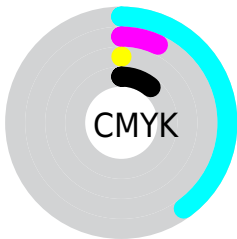
Distribution



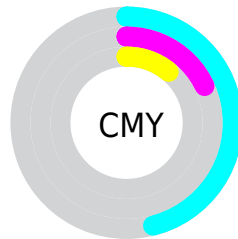
- Red (54%)
- Green (82%)
- Blue (89%)



- Red (54%)
- Yellow (69%)
- Blue (89%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D2E3 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 89D2E3 by changing the saturation by 10% instead.

89D2E3

89D2E3

FFFFFF

6DB6C7

C2FFFF

519BAC

DFFFFF

348191

FCFFFF

0F6877

00505F

003947

002330

00031C

000000

89D2E3

89D2E3

72CEE3

A0D6E3

5CC9E3

B6DBE3

45C5E3

CDDFE3

2EC1E3

E4E3E3

18BDE3

FBE7E3

01B8E3

FFECE3

00B8E3

FFF0E3

FFF4E3

FFF9E3

Harmonies

Analogous

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



8CD4CE



89D2E3



9ACDF1

Triad

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



89D2E3



EAB9D7



D0C89A

Complementary

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



89D2E3



E39A89

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.



E5C09D



89D2E3



F5B7C0

Square

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



89D2E3



D4BEE9



F3BAAB



B7CEA4

Rectangle

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



89D2E3



ACC9F3



F3BAAB



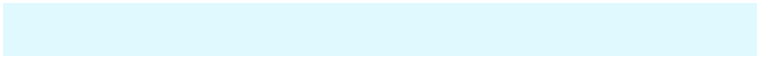
D8C59A

Sweetspot

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



89D2E3



E0F9FF



89E399



6E7C80



000000



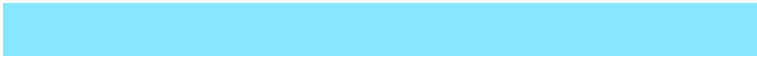
808080

Same Dimension

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



89D2E3



85E8FF



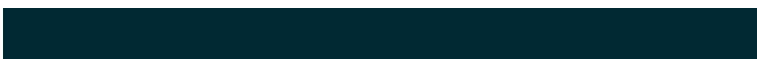
89A5E3



677173



0091B3



002933

Inverse Universe

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



E389D2



FF85E8



E3C789



736771



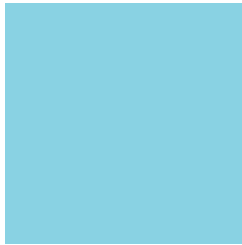
B30091



330029

Previews

White Background



This preview shows how the Hex color 89D2E3 looks on a white background.

Color Contrast Check

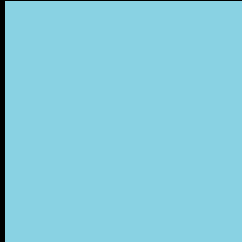
Large Text (above 18pt) WCAG AA × Fail

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 89D2E3 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 89D2E3 Background



This preview shows how black text looks on a background with the Hex color 89D2E3.

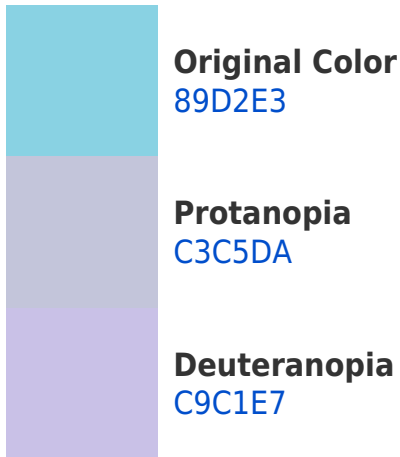


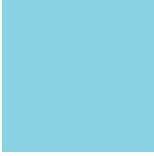
This preview shows how white text looks on a background with the Hex color 89D2E3.

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](#).

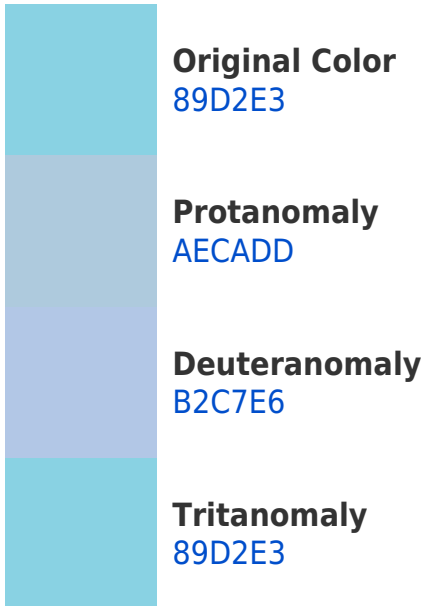
Dichromacy



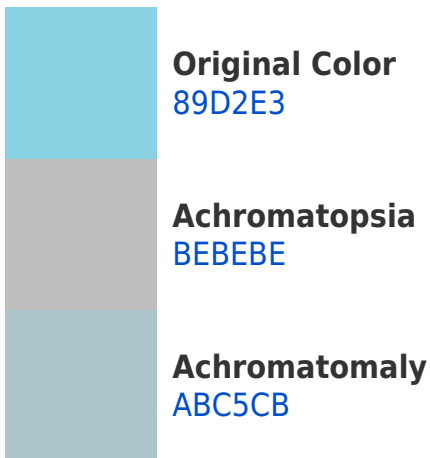


Tritanopia
89D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89D2E3 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 #89D2E3 looks like.

```
.text, #text, p{  
    color:#89D2E3  
}
```

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 #89D2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D2E3
}
```

Border

The CSS property to change the border of an element to Hex 89D2E3 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
#89D2E3 }
```

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

```
.border{ border-color:#89D2E3 }
```

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

Here you see how a box with a 4 pixel #89D2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D2E3; -webkit-box-shadow:4px 4px  
4px 4px #89D2E3; box-shadow:4px 4px 4px  
4px #89D2E3 }
```

Background

The CSS property to change the background color of an element to Hex 89D2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D2E3 }
```

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

```
.background{ background-color:#89D2E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor