

Converting Colors

Hex(89E3A2)

Have a look what the booklet for
Hex(89E3A2) contains.

Hex(89E3A2)	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(89E3A2)

Conversions

Conversions Part 1

Format	Color
Hex	89E3A2
RGB	137, 227, 162
RGB Percent	54%, 89%, 64%
CMY	0.4627, 0.1098, 0.3647
CMYK	0.40, 0.00, 0.29, 0.11
HSL	137°, 62%, 71%
HSV	137°, 40%, 89%
XYZ	44.3072, 62.8652, 43.9814
YIQ	192.6800, -32.7750, -39.2950

Conversions

Conversions Part 2

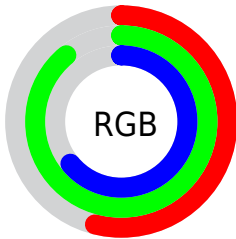
Format	Color
RYB	137, 207, 227
Decimal	9036706
CIELab	83.37, -40.64, 23.49
CIELCh	83, 46.937, 149.973
Yxy	62.8652, 0.2931, 0.4159
Android (android.graphics.Color)	4287226786 (0xFF89E3A2)
YUV	192.6800, -15.1252, -48.8314
Hunter-Lab	79.2876, -39.0045, 22.6127

Details

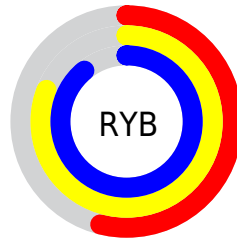
The Hex color **89E3A2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E389CA**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C1FFD9**, and **52AB6E** is the 20% darker color. If you saturate the color by 10%, you get **72E392**, and if you desaturate by 10%, it is **A0E3B2**.

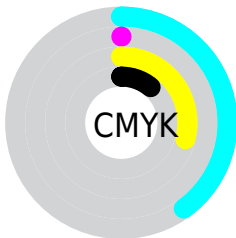
Distribution



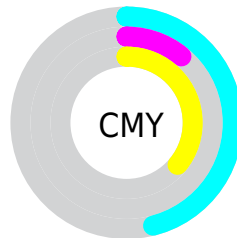
- Red (54%)
- Green (89%)
- Blue (64%)



- Red (54%)
- Yellow (81%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E3A2 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 89E3A2 by changing the saturation by 10% instead.

 89E3A2

 89E3A2

FFFFFF

 6DC788

 C1FFD9

 52AB6E

 DEFFF6

 359055

 FCFFF6

 13763E

 005D27

 004411

 002D00

 001400

 000000

 89E3A2

 89E3A2

 72E392

 A0E3B2

 5CE381

 B6E3C3

 45E371

 CDE3D3

 2EE360

 E4E3E4

 18E350

 FBE3F4

 01E340

 FFE3FF

 00E33F

Harmonies

Analogous

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



BEDA81



89E3A2



45E7CE

Triad

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



89E3A2



8CD4FF



FFB1A6

Complementary

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



89E3A2



E389CA

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.



FFADD1



89E3A2



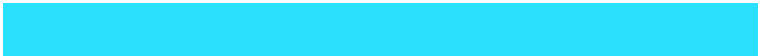
D4C4FF

Square

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



89E3A2



29E0FF



FFB5FD



FFBE84

Rectangle

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



89E3A2



00E7EC



FFB5FD



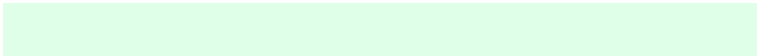
FFAEB4

Sweetspot

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



89E3A2



E0FFE9



CBE389



6E8073



000000



808080

Same Dimension

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



89E3A2



85FFA7



89E3CE



67736A



00B332



00330E

Inverse Universe

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



E389CA



FF85DD



E3899E



736770



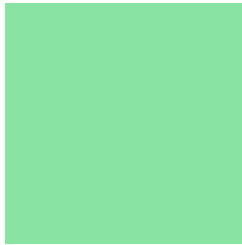
B30081



330025

Previews

White Background



This preview shows how the Hex color 89E3A2 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 89E3A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

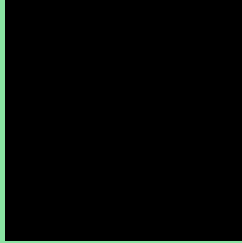
Any Text WCAG AA ✓ Pass

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 89E3A2 Background



This preview shows how black text looks on a background with the Hex color 89E3A2.

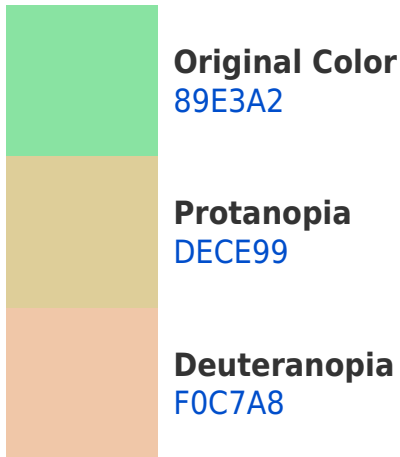


This preview shows how white text looks on a background with the Hex color 89E3A2.

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
99DAEB

Trichromacy



Original Color
89E3A2



Protanomaly
BFD69C



Deuteranomaly
CBD1A6

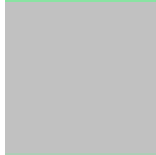


Tritanomaly
93DDD0

Monochromacy



Original Color
89E3A2



Achromatopsia
C1C1C1



Achromatomaly
ADCDB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 89E3A2 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 #89E3A2 looks like.

```
.text, #text, p{  
    color:#89E3A2  
}
```

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 #89E3A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E3A2
}
```

Border

The CSS property to change the border of an element to Hex 89E3A2 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
#89E3A2 }
```

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

```
.border{ border-color:#89E3A2 }
```

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

Here you see how a box with a 4 pixel #89E3A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E3A2; -webkit-box-shadow:4px 4px  
4px 4px #89E3A2; box-shadow:4px 4px 4px  
4px #89E3A2 }
```

Background

The CSS property to change the background color of an element to Hex 89E3A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E3A2 }
```

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

```
.background{ background-color:#89E3A2 }
```

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