

# Converting Colors

Hex(89E293)

Have a look what the booklet for  
Hex(89E293) contains.

<b>Hex(89E293)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(89E293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89E293
RGB	137, 226, 147
RGB Percent	54%, 89%, 58%
CMY	0.4627, 0.1137, 0.4235
CMYK	0.39, 0.00, 0.35, 0.11
HSL	127°, 61%, 71%
HSV	127°, 39%, 89%
XYZ	42.7793, 61.8177, 37.2811
YIQ	190.3830, -27.6850, -43.4370

# Conversions

## Conversions Part 2

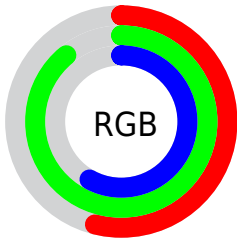
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 217, 226</a>
Decimal	<a href="#">9036435</a>
CIELab	<a href="#">82.82, -42.75, 30.46</a>
CIElCh	<a href="#">83, 52.492, 144.536</a>
Yxy	<a href="#">61.8177, 0.3015, 0.4357</a>
Android (android.graphics.Color)	<a href="#">4287226515 (0xFF89E293)</a>
YUV	<a href="#">190.3830, -21.3878, -46.8169</a>
Hunter-Lab	<a href="#">78.6242, -40.4707, 26.9235</a>

# Details

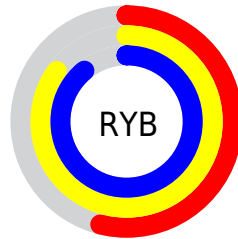
The Hex color **89E293** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E289D8**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C2FFCA**, and **52AA60** is the 20% darker color. If you saturate the color by 10%, you get **72E27F**, and if you desaturate by 10%, it is **A0E2A7**.

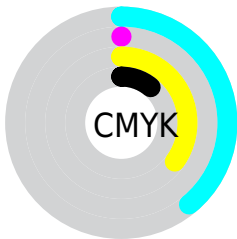
# Distribution



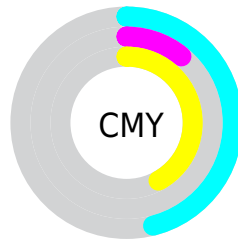
- Red (54%)
- Green (89%)
- Blue (58%)



- Red (54%)
- Yellow (85%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89E293 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 89E293 by changing the saturation by 10% instead.



 89E293

 89E293

FFFFFF

 6DC679

 C2FFCA

 52AA60

 DEFFE6

 358F47

 FCFFFF

 12752F

 005C18

 004300

 002D00

 001200

 000000

 89E293

 89E293

 72E27F

 A0E2A7

 5CE26B

 B6E2BB

 45E257

 CDE2CF

 2FE243

 E3E2E3

 18E22F

 FAE2F7

 01E21B

 FFE2FF

 00E219

# Harmonies

## Analogous

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



C4D872



89E293



2FE7C3

# Triad

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



89E293



68D6FF



FFA9A8

# Complementary

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



89E293



E289D8

# 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.



FFA7D9



89E293



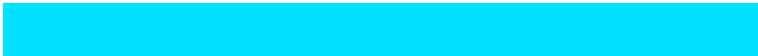
C5C5FF

# Square

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



89E293



00E2FF



FFB2FF



FFB77F

# Rectangle

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



89E293



00E8E5



FFB2FF



FFA6B8

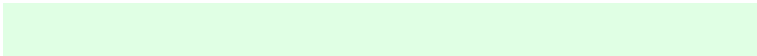


# Sweetspot

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



89E293



E0FFE4



D9E289



6E8070



000000



808080

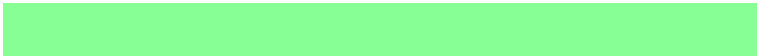


# Same Dimension

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



89E293



87FF95



89E2BE



657066



00B014



003005



# Inverse Universe

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



E289D8



FF87F2



E289AD



70656F



B0009C

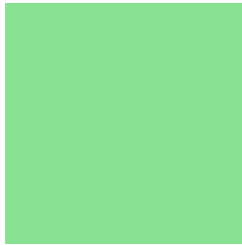


30002B



# Previews

## White Background



This preview shows how the Hex color 89E293 looks on a white background.

## Color Contrast Check

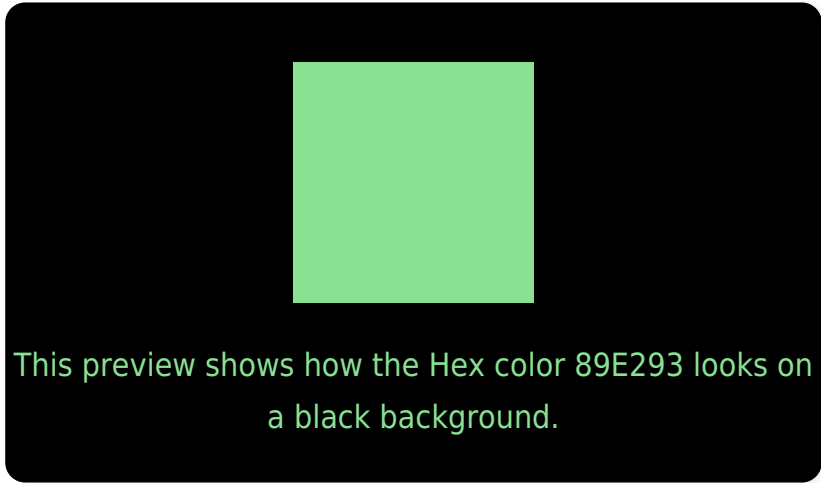
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 89E293 Background



This preview shows how black text looks on a background with the Hex color 89E293.

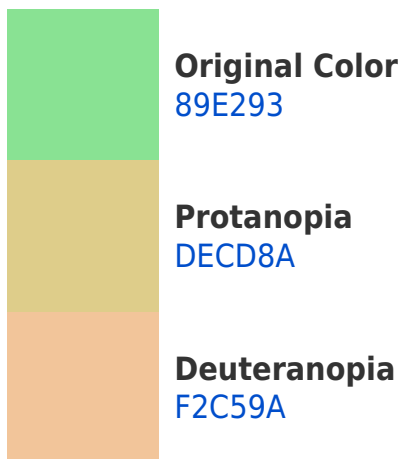


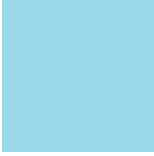
This preview shows how white text looks on a background with the Hex color 89E293.

# 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



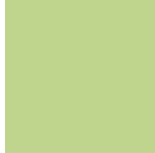


**Tritanopia**  
9AD7E9

# Trichromacy



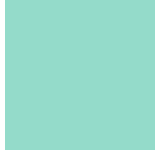
**Original Color**  
89E293



**Protanomaly**  
BFD58D



**Deuteranomaly**  
CCD097

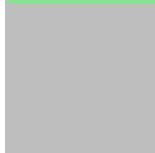


**Tritanomaly**  
94DBCA

# Monochromacy



**Original Color**  
89E293



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
ABCBAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89E293 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 #89E293 looks like.

```
.text, #text, p{  
    color:#89E293  
}
```

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 #89E293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E293
}
```

## Border

The CSS property to change the border of an element to Hex 89E293 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
#89E293 }
```

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

```
.border{ border-color:#89E293 }
```

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

Here you see how a box with a 4 pixel #89E293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E293; -webkit-box-shadow:4px 4px  
4px 4px #89E293; box-shadow:4px 4px 4px  
4px #89E293 }
```

# Background

The CSS property to change the background color of an element to Hex 89E293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E293 }
```

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

```
.background{ background-color:#89E293 }
```

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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