

Converting Colors

Hex(89E282)

Have a look what the booklet for
Hex(89E282) contains.

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Color

Hex(89E282)

Conversions

Conversions Part 1

Format	Color
Hex	89E282
RGB	137, 226, 130
RGB Percent	54%, 89%, 51%
CMY	0.4627, 0.1137, 0.4902
CMYK	0.39, 0.00, 0.42, 0.11
HSL	116°, 62%, 70%
HSV	116°, 42%, 89%
XYZ	41.5421, 61.3228, 30.7661
YIQ	188.4450, -22.2280, -48.7240

Conversions

Conversions Part 2

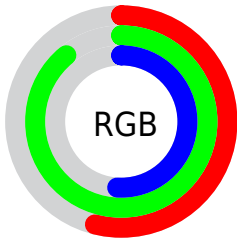
Format	Color
RYB	130, 226, 219
Decimal	9036418
CIELab	82.55, -45.34, 38.68
CIElCh	83, 59.598, 139.537
Yxy	61.3228, 0.3109, 0.4589
Android (android.graphics.Color)	4287226498 (0xFF89E282)
YUV	188.4450, -28.8134, -45.1173
Hunter-Lab	78.3089, -42.3479, 31.5223

Details

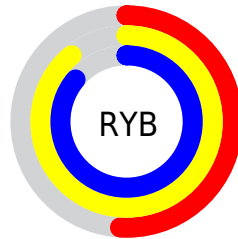
The Hex color **89E282** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DB82E2**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C2FFB8**, and **51AA4F** is the 20% darker color. If you saturate the color by 10%, you get **74E26B**, and if you desaturate by 10%, it is **9EE299**.

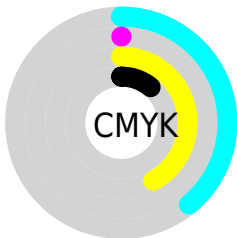
Distribution



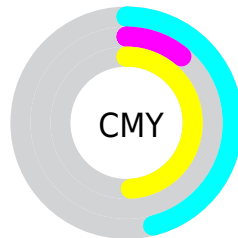
- Red (54%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (86%)



- Cyan (39%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E282 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 89E282 by changing the saturation by 10% instead.

 89E282

 89E282

FFFFFF

 6DC668

 C2FFB8

 51AA4F

 DFFFD4

 348F36

 FCFFF1

 0F751D

 005B00

 004300

 002D00

 001000

 000000

 89E282

 89E282

 74E26B

 9EE299

 5FE255

 B3E2AF

 4AE23E

 C8E2C6

 35E228

 DDE2DC

 20E211

 F2E2F3

 10E200

 FFE2FF

Harmonies

Analogous

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



CAD65F



89E282



00E9B7

Triad

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



89E282



00D9FF



FFA0AB

Complementary

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



89E282



DB82E2

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.



FFA0E4



89E282



B1C6FF

Square

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



89E282



00E5FF



FFB0FF



FFAF7A

Rectangle

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



89E282



00EADE



FFB0FF



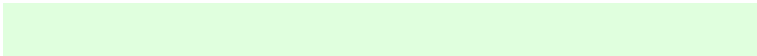
FF9EBE

Sweetspot

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



89E282



E0FFDE



E2DA82



6D806B



000000



808080

Same Dimension

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



89E282



86FF7D



82E2AA



667065



0DB000



043000

Inverse Universe

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



DB82E2



F67DFF



E282BA



6F6570



A300B0



2D0030

Previews

White Background



This preview shows how the Hex color 89E282 looks on a white background.

Color Contrast Check

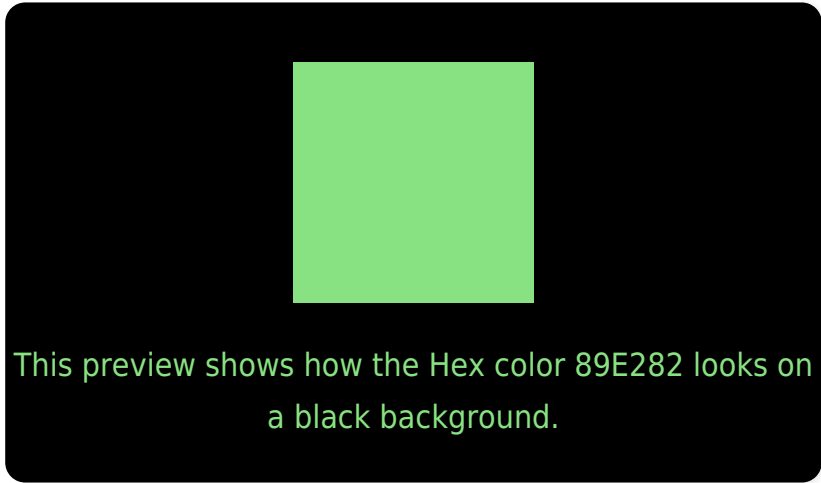
Large Text (above 18pt) WCAG AA × Fail

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

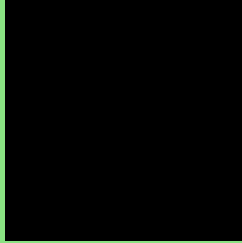
Any Text WCAG AA ✓ Pass

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 89E282 Background



This preview shows how black text looks on a background with the Hex color 89E282.

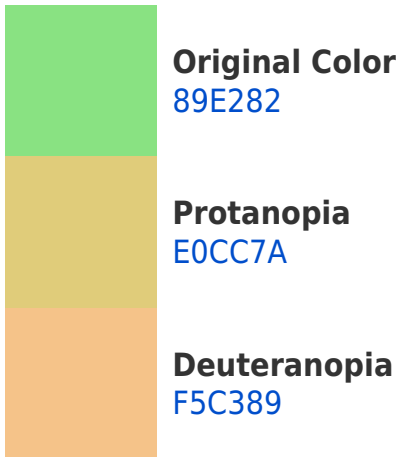


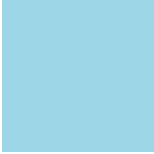
This preview shows how white text looks on a background with the Hex color 89E282.

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



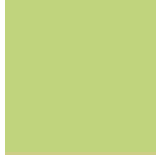


Tritanopia
9CD6E7

Trichromacy



Original Color
89E282



Protanomaly
C0D47D



Deuteranomaly
CECE86

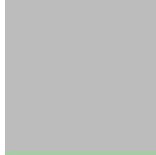


Tritanomaly
95DAC2

Monochromacy



Original Color
89E282



Achromatopsia
BCBCBC



Achromatomaly
A9CAA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 89E282 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 #89E282 looks like.

```
.text, #text, p{  
    color:#89E282  
}
```

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 #89E282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E282
}
```

Border

The CSS property to change the border of an element to Hex 89E282 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
#89E282 }
```

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

```
.border{ border-color:#89E282 }
```

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

Here you see how a box with a 4 pixel #89E282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E282; -webkit-box-shadow:4px 4px  
4px 4px #89E282; box-shadow:4px 4px 4px  
4px #89E282 }
```

Background

The CSS property to change the background color of an element to Hex 89E282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E282 }
```

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

```
.background{ background-color:#89E282 }
```

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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