

Converting Colors

Hex(98E272)

Have a look what the booklet for
Hex(98E272) contains.

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Color

Hex(98E272)

Conversions

Conversions Part 1

Format	Color
Hex	98E272
RGB	152, 226, 114
RGB Percent	60%, 89%, 45%
CMY	0.4039, 0.1137, 0.5529
CMYK	0.33, 0.00, 0.50, 0.11
HSL	100°, 66%, 67%
HSV	100°, 50%, 89%
XYZ	43.1825, 62.2830, 25.6655
YIQ	191.1060, -8.1520, -50.5200

Conversions

Conversions Part 2

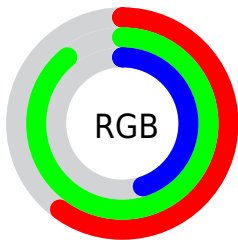
Format	Color
RYB	114, 226, 188
Decimal	10019442
CIELab	83.06, -42.62, 47.25
CIElCh	83, 63.635, 132.048
Yxy	62.2830, 0.3293, 0.4750
Android (android.graphics.Color)	4288209522 (0xFF98E272)
YUV	191.1060, -38.0133, -34.2960
Hunter-Lab	78.9196, -40.4393, 35.9620

Details

The Hex color **98E272** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BC72E2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D1FFA8**, and **61AA3E** is the 20% darker color. If you saturate the color by 10%, you get **89E25B**, and if you desaturate by 10%, it is **A7E289**.

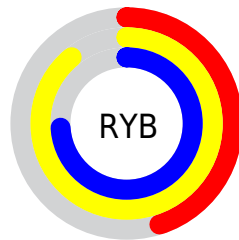
Distribution



Red (60%)

Green (89%)

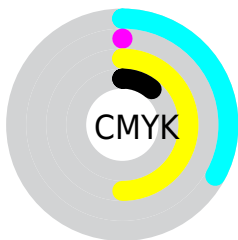
Blue (45%)



Red (45%)

Yellow (89%)

Blue (74%)

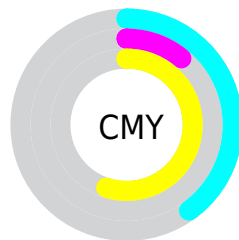


Cyan (33%)

Magenta (0%)

Yellow (50%)

Black (11%)



Cyan (40%)

Magenta (11%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98E272 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 98E272 by changing the saturation by 10% instead.

 98E272

 98E272

FFFFFF

 7CC658

 D1FFA8

 61AA3E

 EEFFC4

 458F24

 FFFFEO

 277502

FFFFFFD

 005C00

 004400

 002D00

 001300

 000000

 98E272

 98E272

 89E25B

 A7E289

 7AE245

 B6E29F

 6BE22E

 C5E2B6

 5CE218

 D4E2CC

 4DE201

 E3E2E3

 4DE200

 F2E2FA

 FFE2FF

Harmonies

Analogous

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



DAD353



98E272



27EAA8

Triad

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



98E272



00DFFF



FF9BB9

Complementary

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



98E272



BC72E2

Split Complementary

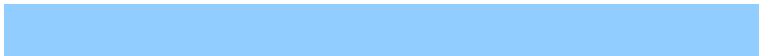
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA0F5



98E272



92CDFF

Square

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



98E272



00EAFB



F2B5FF



FFA981

Rectangle

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



98E272



00EDD1



F2B5FF



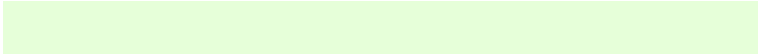
FF9ACD

Sweetspot

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



98E272



E6FFD9



E2BB72



708069



000000



808080

Same Dimension

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



98E272



9CFF69



72E283



697065



3CB000



103000

Inverse Universe

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



BC72E2



CC69FF



E272D1



6C6570



7400B0



200030

Previews

White Background



This preview shows how the Hex color 98E272 looks on a white background.

Color Contrast Check

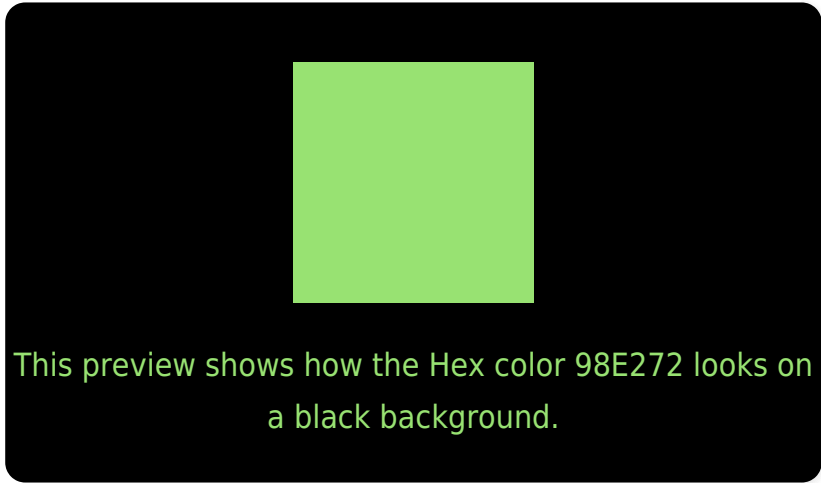
Large Text (above 18pt) WCAG AA × Fail

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 98E272 Background



This preview shows how black text looks on a background with the Hex color 98E272.

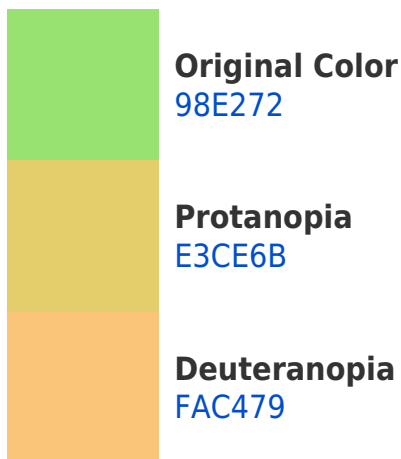


This preview shows how white text looks on a background with the Hex color 98E272.

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](#).

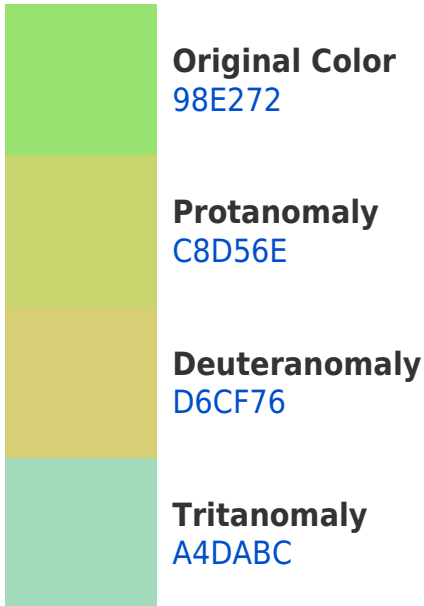
Dichromacy



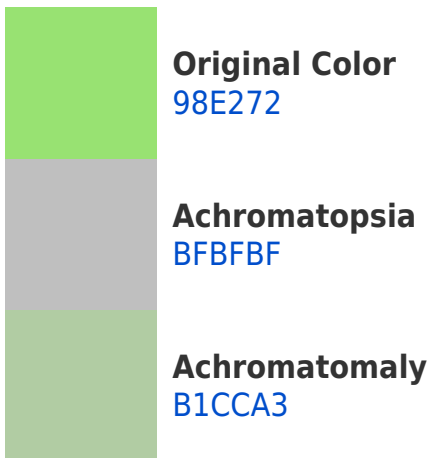


Tritanopia
ABD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98E272 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 #98E272 looks like.

```
.text, #text, p{  
    color:#98E272  
}
```

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 #98E272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E272
}
```

Border

The CSS property to change the border of an element to Hex 98E272 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
#98E272 }
```

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

```
.border{ border-color:#98E272 }
```

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

Here you see how a box with a 4 pixel #98E272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E272; -webkit-box-shadow:4px 4px  
4px 4px #98E272; box-shadow:4px 4px 4px  
4px #98E272 }
```

Background

The CSS property to change the background color of an element to Hex 98E272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E272 }
```

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

```
.background{ background-color:#98E272 }
```

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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