

# Converting Colors

Hex(98E275)

Have a look what the booklet for  
Hex(98E275) contains.

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**Color**

**Hex(98E275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E275
RGB	152, 226, 117
RGB Percent	60%, 89%, 46%
CMY	0.4039, 0.1137, 0.5412
CMYK	0.33, 0.00, 0.48, 0.11
HSL	101°, 65%, 67%
HSV	101°, 48%, 89%
XYZ	43.3561, 62.3525, 26.5797
YIQ	191.4480, -9.1150, -49.5870

# Conversions

## Conversions Part 2

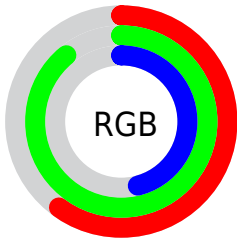
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 226, 191</a>
Decimal	<a href="#">10019445</a>
CIELab	<a href="#">83.10, -42.26, 45.87</a>
CIELCh	<a href="#">83, 62.370, 132.658</a>
Yxy	<a href="#">62.3525, 0.3277, 0.4713</a>
Android (android.graphics.Color)	<a href="#">4288209525 (0xFF98E275)</a>
YUV	<a href="#">191.4480, -36.7029, -34.5959</a>
Hunter-Lab	<a href="#">78.9636, -40.1782, 35.3170</a>

# Details

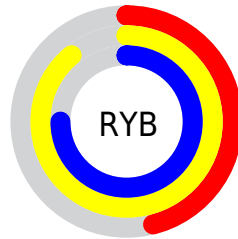
The Hex color **98E275** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BF75E2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D1FFAB**, and **61AA41** is the 20% darker color. If you saturate the color by 10%, you get **89E25E**, and if you desaturate by 10%, it is **A7E28C**.

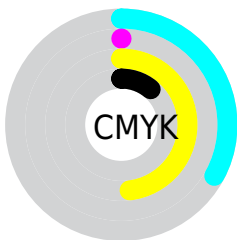
# Distribution



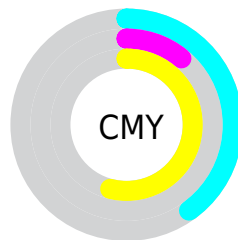
- Red (60%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98E275 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 98E275 by changing the saturation by 10% instead.



 98E275

 98E275

FFFFFF

 7CC65B

 D1FFAB

 61AA41

 EEFFC7

 458F27

 FFFFE3

 287508

 005C00

 004400

 002D00

 001300

 000000

 98E275

 98E275

 89E25E

 A7E28C

 79E248

 B7E2A2

 6AE231

 C6E2B9

 5BE21B

 D5E2CF

 4BE204

 E5E2E6

 49E200

 F4E2FD

 FFE2FF

# Harmonies

## Analogous

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



D9D457



98E275



2DEAAA

# Triad

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



98E275



00DFFF



FF9DB8

# Complementary

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



98E275



BF75E2

# Split Complementary

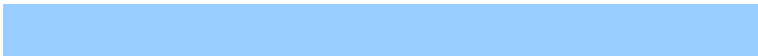
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA1F3



98E275



97CFFF

# Square

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



98E275



00E9FF



F3B6FF



FFAA82

# Rectangle

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



98E275



00ECD3



F3B6FF



FF9CCC

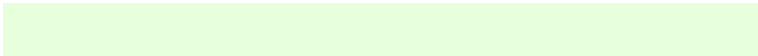


# Sweetspot

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



98E275



E7FFDB



E2BE75



71806A



000000



808080



# Same Dimension

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



98E275



9BFF6B



75E287



697065



38B000



103000



# Inverse Universe

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



BF75E2



D06BFF



E275D0



6D6570



7700B0



210030



# Previews

## White Background



This preview shows how the Hex color 98E275 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 98E275 Background



This preview shows how black text looks on a background with the Hex color 98E275.

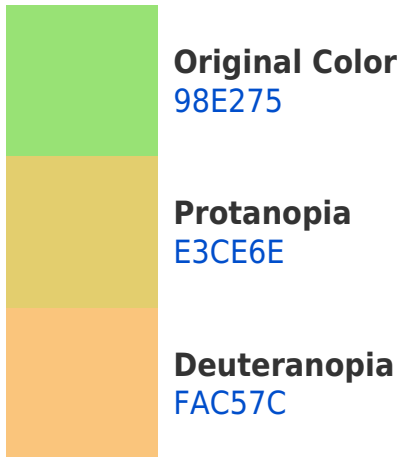


This preview shows how white text looks on a background with the Hex color 98E275.

# 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**  
AAD5E6

# Trichromacy



**Original Color**  
98E275



**Protanomaly**  
C8D571



**Deuteranomaly**  
D6D079



**Tritanomaly**  
A3DABD

# Monochromacy



**Original Color**  
98E275



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
B1CCA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98E275 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 #98E275 looks like.

```
.text, #text, p{  
    color:#98E275  
}
```

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 #98E275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E275
}
```

## Border

The CSS property to change the border of an element to Hex 98E275 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
#98E275 }
```

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

```
.border{ border-color:#98E275 }
```

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

Here you see how a box with a 4 pixel #98E275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E275; -webkit-box-shadow:4px 4px  
4px 4px #98E275; box-shadow:4px 4px 4px  
4px #98E275 }
```

# Background

The CSS property to change the background color of an element to Hex 98E275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E275 }
```

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

```
.background{ background-color:#98E275 }
```

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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