

Converting Colors

Hex(8AE974)

Have a look what the booklet for
Hex(8AE974) contains.

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Color

Hex(8AE974)

Conversions

Conversions Part 1

Format	Color
Hex	8AE974
RGB	138, 233, 116
RGB Percent	54%, 91%, 45%
CMY	0.4588, 0.0863, 0.5451
CMYK	0.41, 0.00, 0.50, 0.09
HSL	109°, 73%, 68%
HSV	109°, 50%, 91%
XYZ	42.7725, 64.9421, 26.8037
YIQ	191.2570, -19.0630, -56.5270

Conversions

Conversions Part 2

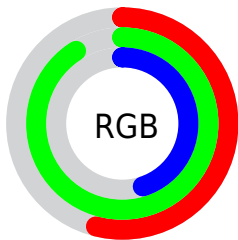
Format	Color
RYB	116, 233, 211
Decimal	9103732
CIELab	84.45, -49.83, 47.85
CIElCh	84, 69.086, 136.162
Yxy	64.9421, 0.3180, 0.4828
Android (android.graphics.Color)	4287293812 (0xFF8AE974)
YUV	191.2570, -37.1017, -46.7064
Hunter-Lab	80.5866, -46.2851, 36.6903

Details

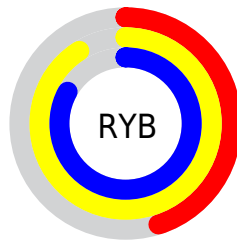
The Hex color **8AE974** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D374E9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C4FFAA**, and **51B140** is the 20% darker color. If you saturate the color by 10%, you get **77E95D**, and if you desaturate by 10%, it is **9DE98B**.

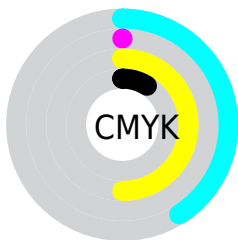
Distribution



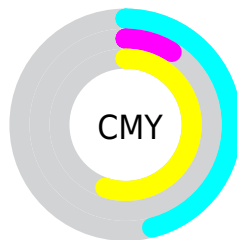
- Red (54%)
- Green (91%)
- Blue (45%)



- Red (45%)
- Yellow (91%)
- Blue (83%)



- Cyan (41%)
- Magenta (0%)
- Yellow (50%)
- Black (9%)



- Cyan (46%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE974 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 8AE974 by changing the saturation by 10% instead.

 8AE974

FFFFFF

 C4FFAA

 E1FFC6

 FFFFE3

 8AE974

 6DCC5A

 51B140

 329525

 037B03

 006100

 004800

 003100

 001800

 000000

 8AE974

 8AE974

 77E95D

 9DE98B

 64E945

 B0E9A3

 51E92E

 C3E9BA

 3EE917

 D6E9D1

 2CE900

 E9E9E9

 FCE9FF

 FFE9FF

Harmonies

Analogous

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



D5DA4C



8AE974



00F1B1

Triad

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



8AE974



00E3FF



FF9AB2

Complementary

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



8AE974



D374E9

Split Complementary

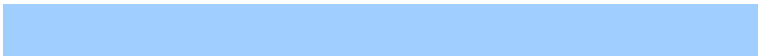
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9DF4



8AE974



9FCEFF

Square

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



8AE974



00EFFF



FFB3FF



FFAB77

Rectangle

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



8AE974



00F3DF



FFB3FF



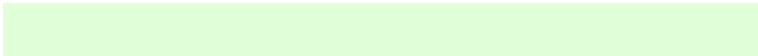
FF98C8

Sweetspot

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



8AE974



E0FFD9



E9D274



6D8069



000000



808080

Same Dimension

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



8AE974



83FF66



74E997



6C756A



22B500



0A3600

Inverse Universe

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



D374E9



E266FF



E974C6



736A75



9300B5



2B0036

Previews

White Background



This preview shows how the Hex color 8AE974 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 8AE974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

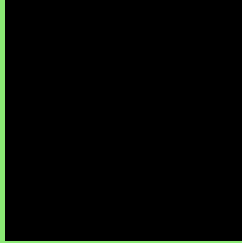
Any Text WCAG AA ✓ Pass

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 8AE974 Background



This preview shows how black text looks on a background with the Hex color 8AE974.

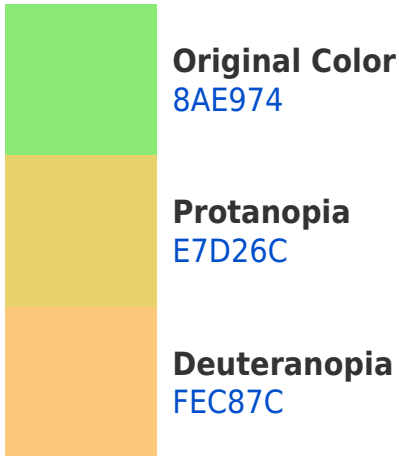


This preview shows how white text looks on a background with the Hex color 8AE974.

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](#).

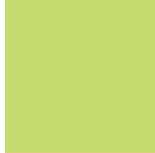
Dichromacy



Trichromacy



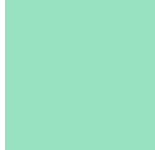
Original Color
8AE974



Protanomaly
C5DA6F



Deuteranomaly
D4D479

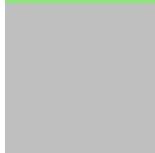


Tritanomaly
98E1C1

Monochromacy



Original Color
8AE974



Achromatopsia
BFBFBF



Achromatomaly
ACCEA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE974 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 #8AE974 looks like.

```
.text, #text, p{  
    color:#8AE974  
}
```

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 #8AE974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE974
}
```

Border

The CSS property to change the border of an element to Hex 8AE974 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
#8AE974 }
```

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

```
.border{ border-color:#8AE974 }
```

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

Here you see how a box with a 4 pixel #8AE974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE974; -webkit-box-shadow:4px 4px  
4px 4px #8AE974; box-shadow:4px 4px 4px  
4px #8AE974 }
```

Background

The CSS property to change the background color of an element to Hex 8AE974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE974 }
```

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

```
.background{ background-color:#8AE974 }
```

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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