

# Converting Colors

Hex(8BAE7F)

Have a look what the booklet for  
Hex(8BAE7F) contains.

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# **Color**

**Hex(8BAE7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BAE7F
RGB	139, 174, 127
RGB Percent	55%, 68%, 50%
CMY	0.4549, 0.3176, 0.5020
CMYK	0.20, 0.00, 0.27, 0.32
HSL	105°, 22%, 59%
HSV	105°, 27%, 68%
XYZ	29.6143, 37.2934, 25.7162
YIQ	158.1770, -5.7730, -22.0370

# Conversions

## Conversions Part 2

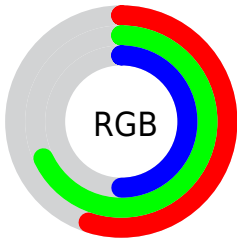
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 174, 162</a>
Decimal	<a href="#">9154175</a>
CIELab	<a href="#">67.50, -20.93, 20.33</a>
CIELCh	<a href="#">67, 29.182, 135.831</a>
Yxy	<a href="#">37.2934, 0.3197, 0.4026</a>
Android (android.graphics.Color)	<a href="#">4287344255 (0xFF8BAE7F)</a>
YUV	<a href="#">158.1770, -15.3703, -16.8182</a>
Hunter-Lab	<a href="#">61.0683, -20.3083, 17.7805</a>

# Details

The Hex color **8BAE7F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A27FAE**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C1E6B4**, and **58794E** is the 20% darker color. If you saturate the color by 10%, you get **7EAE6E**, and if you desaturate by 10%, it is **98AE90**.

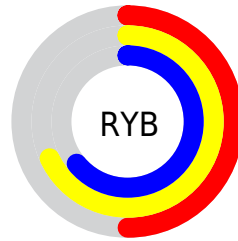
# Distribution



Red (55%)

Green (68%)

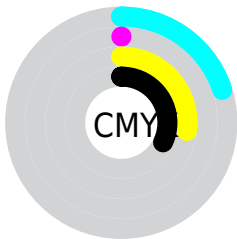
Blue (50%)



Red (50%)

Yellow (68%)

Blue (64%)

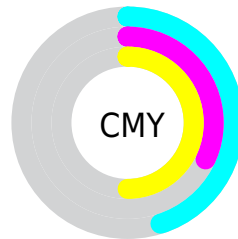


Cyan (20%)

Magenta (0%)

Yellow (27%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BAE7F 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 8BAE7F by changing the saturation by 10% instead.





8BAE7F



8BAE7F

FFFFFF



719366



C1E6B4



58794E



DDFFD0



406036



FAF FEC



294920



12320A



001E00



000000



8BAE7F



8BAE7F



7EAE6E



98AE90

 71AE5C

 A5AEA2

 64AE4B

 B2AEB3

 57AE39

 BFAEC5

 4AAE28

 CCAED6

 3DAE17

 D9AEE7

 30AE05

 E6AEF9

 2CAE00

 F3AEFF

 FFAEFF

# Harmonies

## Analogous

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



A9A771



8BAE7F



6CB297

# Triad

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



8BAE7F



70ABD7



D99197

# Complementary

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



8BAE7F



A27FAE

# 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.



D092B2



8BAE7F



97A2D7

# Square

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



8BAE7F



53B0C9



B999C9



D49680

# Rectangle

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



8BAE7F



5BB3A9



B999C9



D891A0



# Sweetspot

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



8BAE7F



D5E3D1



AEA17F



6A7367



F2F2F2



737373



# Same Dimension

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



8BAE7F



ADE39A



7FAE8A



50574E



269600



061700



# Inverse Universe

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



A27FAE



D09AE3



AE7FA3



544E57



700096



110017



# Previews

## White Background



This preview shows how the Hex color 8BAE7F looks on a white background.

## Color Contrast Check

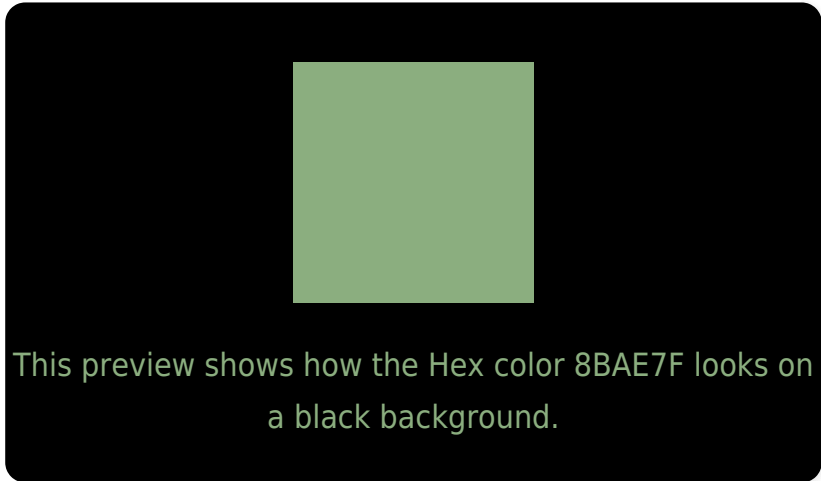
Large Text (above 18pt) WCAG AA × Fail

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

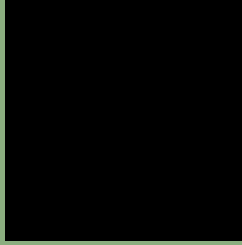
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BAE7F Background



This preview shows how black text looks on a background with the Hex color 8BAE7F.

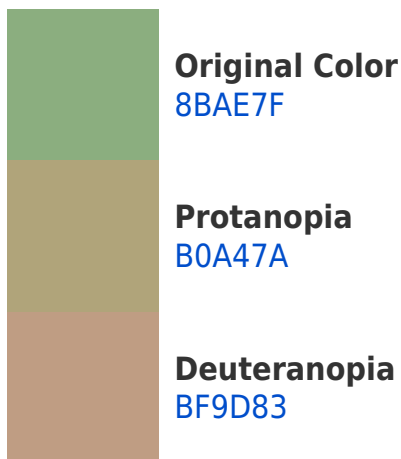


This preview shows how white text looks on a background with the Hex color 8BAE7F.

# 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](#).

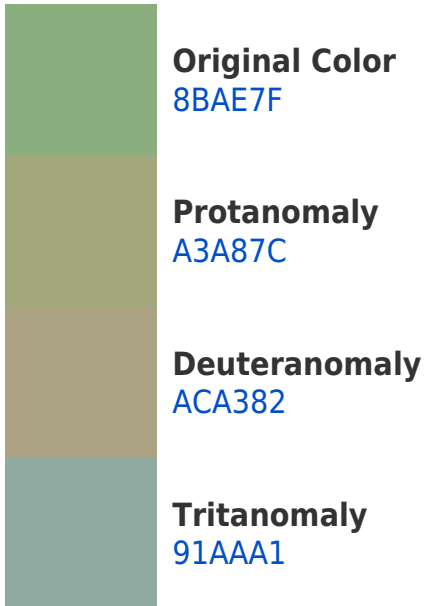
## Dichromacy



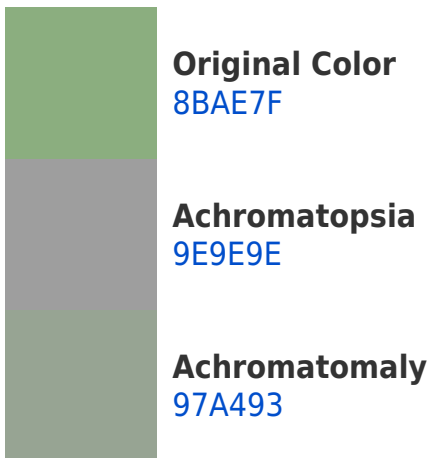


**Tritanopia**  
94A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BAE7F 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 #8BAE7F looks like.

```
.text, #text, p{  
    color:#8BAE7F  
}
```

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 #8BAE7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BAE7F
}
```

## Border

The CSS property to change the border of an element to Hex 8BAE7F 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
#8BAE7F }
```

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

```
.border{ border-color:#8BAE7F }
```

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

Here you see how a box with a 4 pixel #8BAE7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BAE7F; -webkit-box-shadow:4px 4px  
4px 4px #8BAE7F; box-shadow:4px 4px 4px  
4px #8BAE7F }
```

# Background

The CSS property to change the background color of an element to Hex 8BAE7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BAE7F }
```

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

```
.background{ background-color:#8BAE7F }
```

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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