

# Converting Colors

Hex(8FA171)

Have a look what the booklet for  
Hex(8FA171) contains.

<b>Hex(8FA171)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8FA171)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8FA171
RGB	143, 161, 113
RGB Percent	56%, 63%, 44%
CMY	0.4392, 0.3686, 0.5569
CMYK	0.11, 0.00, 0.30, 0.37
HSL	82°, 20%, 54%
HSV	82°, 30%, 63%
XYZ	27.0532, 32.5216, 20.4742
YIQ	150.1460, 4.6800, -18.7440

# Conversions

## Conversions Part 2

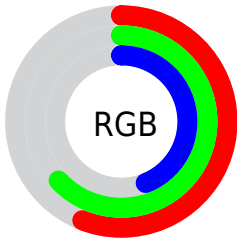
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 161, 131
Decimal	9412977
CIELab	63.77, -14.94, 22.96
CIELCh	64, 27.392, 123.063
Yxy	32.5216, 0.3380, 0.4063
Android (android.graphics.Color)	4287603057 (0xFF8FA171)
YUV	150.1460, -18.3130, -6.2670
Hunter-Lab	57.0277, -15.1205, 18.6330

# Details

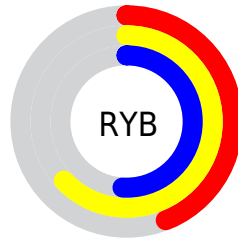
The Hex color **8FA171** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8371A1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C5D8A5**, and **5C6D41** is the 20% darker color. If you saturate the color by 10%, you get **89A161**, and if you desaturate by 10%, it is **95A181**.

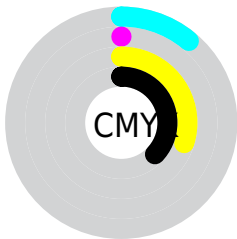
# Distribution



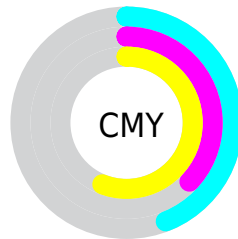
- Red (56%)
- Green (63%)
- Blue (44%)



- Red (44%)
- Yellow (63%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)



- Cyan (44%)
- Magenta (37%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FA171 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 8FA171 by changing the saturation by 10% instead.





8FA171



8FA171

FFFFFF



758758



C5D8A5



5C6D41



E1F4C0



44552A



FEFFDC



2D3E14



FFFFFF9



192800



001500



000000



8FA171



8FA171



89A161



95A181

83A151

9BA191

7DA141

A1A1A1

77A131

A7A1B1

71A120

ADA1C1

6BA110

B3A1D2

65A100

B9A1E2

BFA1F2

C5A1FF

# Harmonies

## Analogous

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



A99A6A



8FA171



73A684

# Triad

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



8FA171



5DA3C5



CA8899

# Complementary

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



8FA171



8371A1

# 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.



BC8CB1



8FA171



7E9CCB

# Square

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



8FA171



4DA7B4



A193C3



CA8B81

# Rectangle

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



8FA171



61A894



A193C3



C789A1



# Sweetspot

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



8FA171



CAD1BE



A18371



64695D



E8E8E8



696969



# Same Dimension

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



8FA171



B5D186



77A171



4F5249



5B9100



0B1200



# Inverse Universe

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



8371A1



A286D1



9B71A1



4D4952



370091



070012



# Previews

## White Background



This preview shows how the Hex color 8FA171 looks on a white background.

## Color Contrast Check

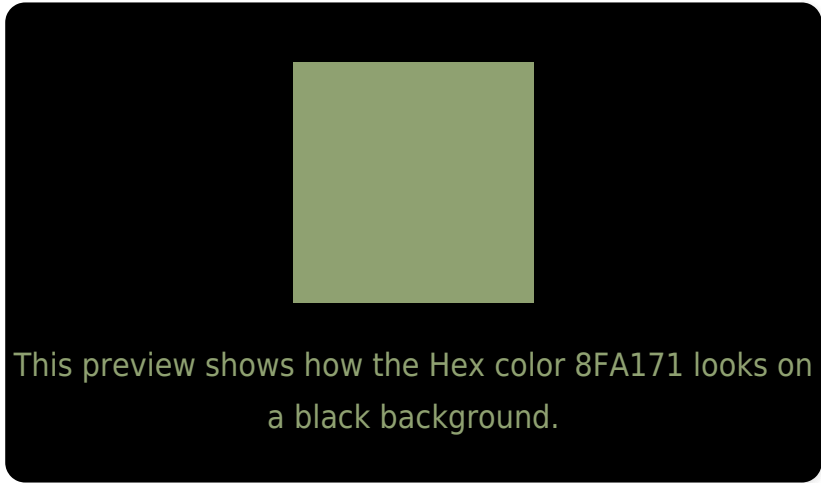
Large Text (above 18pt) WCAG AA × Fail

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

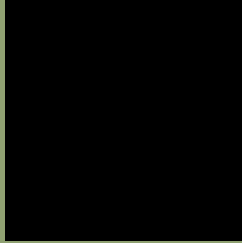
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FA171 Background



This preview shows how black text looks on a background with the Hex color 8FA171.



This preview shows how white text looks on a background with the Hex color 8FA171.

# 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



**Original Color**  
8FA171

**Protanopia**  
A69A6E

**Deuteranopia**  
B69474

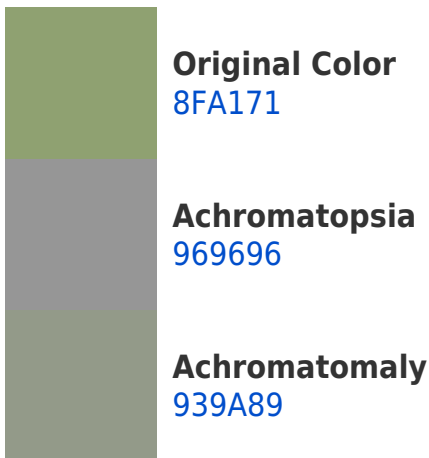


**Tritanopia**  
979AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FA171 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 #8FA171 looks like.

```
.text, #text, p{  
    color:#8FA171  
}
```

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 #8FA171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA171  
}
```

## Border

The CSS property to change the border of an element to Hex 8FA171 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  
#8FA171 }
```

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

```
.border{ border-color:#8FA171 }
```

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

Here you see how a box with a 4 pixel #8FA171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA171; -webkit-box-shadow:4px 4px  
4px 4px #8FA171; box-shadow:4px 4px 4px  
4px #8FA171 }
```

# Background

The CSS property to change the background color of an element to Hex 8FA171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA171 }
```

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

```
.background{ background-color:#8FA171 }
```

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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