

Converting Colors

Hex(8FA366)

Have a look what the booklet for
Hex(8FA366) contains.

Hex(8FA366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8FA366)

Conversions

Conversions Part 1

Format	Color
Hex	8FA366
RGB	143, 163, 102
RGB Percent	56%, 64%, 40%
CMY	0.4392, 0.3608, 0.6000
CMYK	0.12, 0.00, 0.37, 0.36
HSL	80°, 25%, 52%
HSV	80°, 37%, 64%
XYZ	26.8232, 32.9933, 17.5250
YIQ	150.0660, 7.6610, -23.2110

Conversions

Conversions Part 2

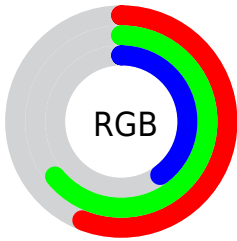
Format	Color
RYB	102, 163, 122
Decimal	9413478
CIELab	64.16, -17.53, 29.41
CIELCh	64, 34.238, 120.804
Yxy	32.9933, 0.3468, 0.4266
Android (android.graphics.Color)	4287603558 (0xFF8FA366)
YUV	150.0660, -23.6965, -6.1969
Hunter-Lab	57.4398, -17.1640, 22.1184

Details

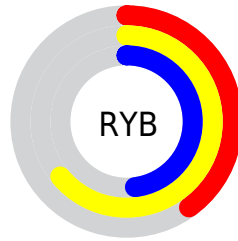
The Hex color **8FA366** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A66A3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C6DA9A**, and **5C6F36** is the 20% darker color. If you saturate the color by 10%, you get **8AA356**, and if you desaturate by 10%, it is **94A376**.

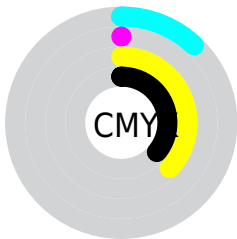
Distribution



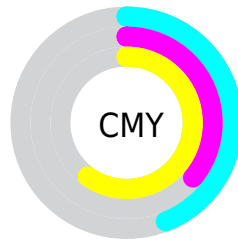
- Red (56%)
- Green (64%)
- Blue (40%)



- Red (40%)
- Yellow (64%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FA366 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 8FA366 by changing the saturation by 10% instead.



8FA366



8FA366

FFFFFF



75894D



C6DA9A



5C6F36



E2F6B5



43571F



FFFFD1



2C3F07



FFFFED



162900



001700



000000



8FA366



8FA366



8AA356



94A376

■ 84A345

■ 9AA387

■ 7FA335

■ 9FA397

■ 7AA325

■ A4A3A7

■ 74A315

■ AAA3B8

■ 6FA304

■ AFA3C8

■ 6EA300

■ B4A3D8

■ BAA3E8

■ BFA3F9

Harmonies

Analogous

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



AF9A5E



8FA366



6BA97D

Triad

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



8FA366



3DA6D0



D5849C

Complementary

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



8FA366



7A66A3

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.



C389BA



8FA366



719ED8

Square

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



8FA366



20ABBA



A093D0



D6877E

Rectangle

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



8FA366



50AB91



A093D0



D185A6

Sweetspot

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



8FA366



CCD4BC



A37966



676B5D



EBEBEB



6B6B6B

Same Dimension

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



8FA366



B4D474



71A366



4F5249



629100



0C1200

Inverse Universe

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



7A66A3



9474D4



9866A3



4C4952



300091



060012

Previews

White Background



This preview shows how the Hex color 8FA366 looks on a white background.

Color Contrast Check

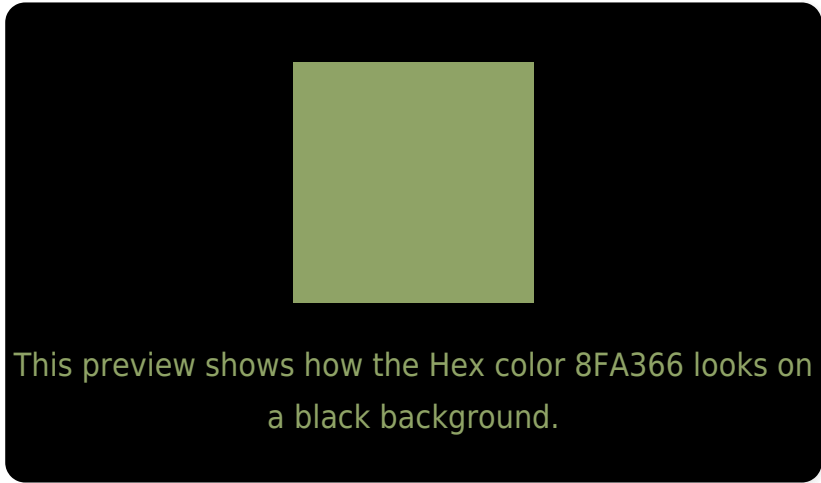
Large Text (above 18pt) WCAG AA × Fail

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

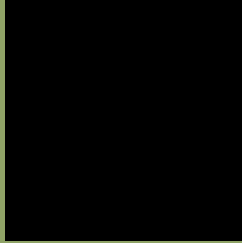
Any Text WCAG AA ✓ Pass

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 8FA366 Background



This preview shows how black text looks on a background with the Hex color 8FA366.



This preview shows how white text looks on a background with the Hex color 8FA366.

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](#).

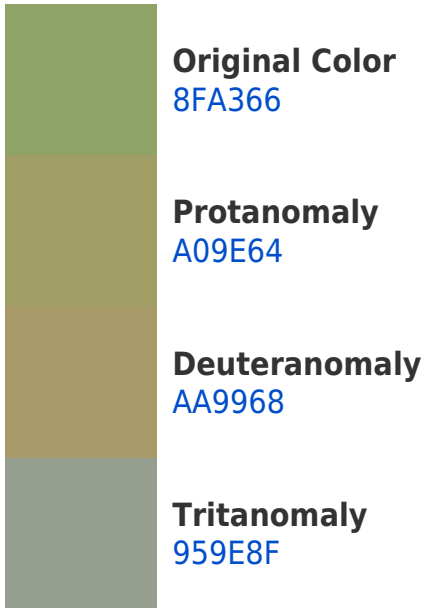
Dichromacy



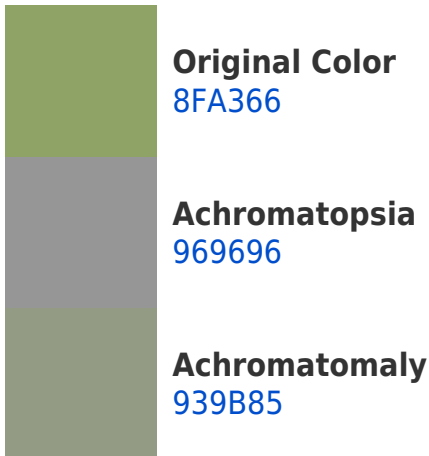


Tritanopia
989BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8FA366 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 #8FA366 looks like.

```
.text, #text, p{  
    color:#8FA366  
}
```

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 #8FA366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA366
}
```

Border

The CSS property to change the border of an element to Hex 8FA366 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
#8FA366 }
```

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

```
.border{ border-color:#8FA366 }
```

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

Here you see how a box with a 4 pixel #8FA366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA366; -webkit-box-shadow:4px 4px  
4px 4px #8FA366; box-shadow:4px 4px 4px  
4px #8FA366 }
```

Background

The CSS property to change the background color of an element to Hex 8FA366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA366 }
```

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

```
.background{ background-color:#8FA366 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor