

Converting Colors

Hex(8F9456)

Have a look what the booklet for
Hex(8F9456) contains.

Hex(8F9456)	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(8F9456)

Conversions

Conversions Part 1

Format	Color
Hex	8F9456
RGB	143, 148, 86
RGB Percent	56%, 58%, 34%
CMY	0.4392, 0.4196, 0.6627
CMYK	0.03, 0.00, 0.42, 0.42
HSL	65°, 26%, 46%
HSV	65°, 42%, 58%
XYZ	23.5973, 27.6913, 12.9053
YIQ	139.4370, 16.9220, -20.3420

Conversions

Conversions Part 2

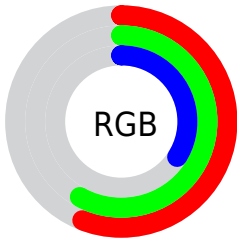
Format	Color
R_{YB}	86, 148, 91
Decimal	9409622
CIE _{Lab}	59.61, -11.65, 32.12
CIE _{LCh}	60, 34.164, 109.934
Yxy	27.6913, 0.3676, 0.4314
Android (android.graphics.Color)	4287599702 (0xFF8F9456)
YUV	139.4370, -26.3444, 3.1248
Hunter-Lab	52.6226, -12.0455, 22.2953

Details

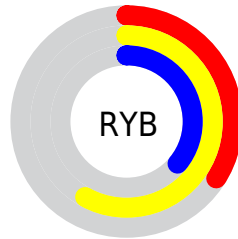
The Hex color **8F9456** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B5694**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C6CA89**, and **5B6127** is the 20% darker color. If you saturate the color by 10%, you get **8E9447**, and if you desaturate by 10%, it is **909465**.

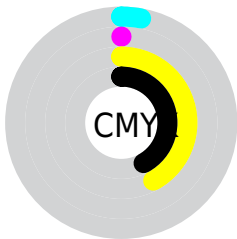
Distribution



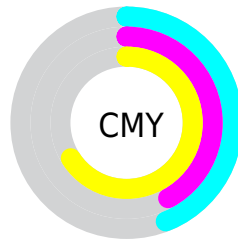
- Red (56%)
- Green (58%)
- Blue (34%)



- Red (34%)
- Yellow (58%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8F9456 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 8F9456 by changing the saturation by 10% instead.



8F9456



8F9456

FFFFFF



757A3E



C6CA89



5B6127



E2E6A3



434A0F



FFFFBF



2C3300



FFFFDB



141E00



FFFFF7



000000



8F9456



8F9456



8E9447



909465



8D9438



919474

 8B942A

 939482

 8A941B

 949491

 89940C

 9594A0

 889400

 9694AF

 9794BE

 9994CC

 9A94DB

Harmonies

Analogous

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



AC8A54



8F9456



6D9B68

Triad

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



8F9456



129CBD



C3799B

Complementary

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



8F9456



5B5694

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.



AB81B7



8F9456



5196CA

Square

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



8F9456



0F9FA3



848CC8



CA797D

Rectangle

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



8F9456



539E7A



848CC8



BD7BA5

Sweetspot

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



8F9456



BDBFA6



945A56



606151



E0E0E0



616161

Same Dimension

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



8F9456



B8BF60



719456



494A43



7F8A00



090A00

Inverse Universe

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



5B5694



6760BF



795694



43434A



0B008A



01000A

Previews

White Background



This preview shows how the Hex color 8F9456 looks on a white background.

Color Contrast Check

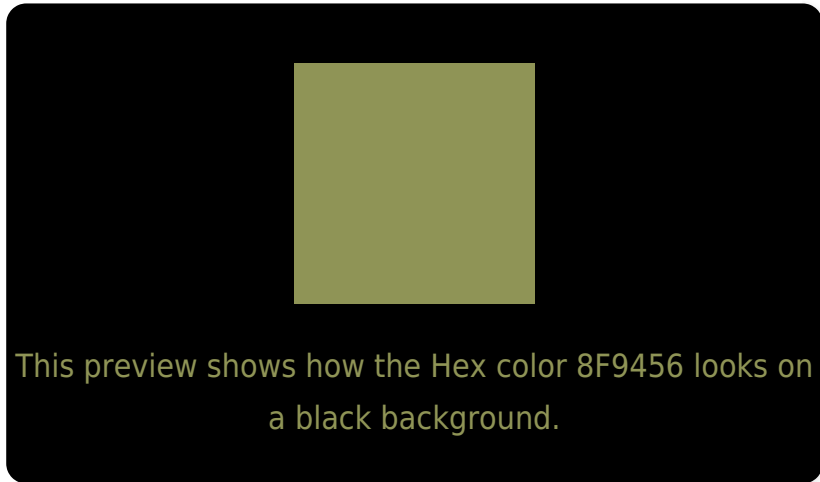
Large Text (above 18pt) WCAG AA ✓ Pass

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

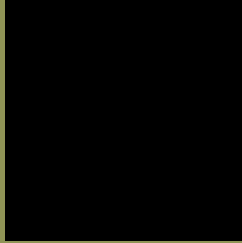
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8F9456 Background



This preview shows how black text looks on a background with the Hex color 8F9456.



This preview shows how white text looks on a background with the Hex color 8F9456.

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
8F9456

Protanopia
9D8F54

Deuteranopia
AE8959



Tritanopia
978C97

Trichromacy



Original Color
8F9456

Protanomaly
989155

Deuteranomaly
A38D58

Tritanomaly
948F7F

Monochromacy



Original Color
8F9456

Achromatopsia
8B8B8B

Achromatomaly
8C8E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 8F9456 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 #8F9456 looks like.

```
.text, #text, p{  
    color:#8F9456  
}
```

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 #8F9456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F9456
}
```

Border

The CSS property to change the border of an element to Hex 8F9456 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
#8F9456 }
```

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

```
.border{ border-color:#8F9456 }
```

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

Here you see how a box with a 4 pixel #8F9456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F9456; -webkit-box-shadow:4px 4px  
4px 4px #8F9456; box-shadow:4px 4px 4px  
4px #8F9456 }
```

Background

The CSS property to change the background color of an element to Hex 8F9456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F9456 }
```

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

```
.background{ background-color:#8F9456 }
```

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