

Converting Colors

Hex(8F9642)

Have a look what the booklet for
Hex(8F9642) contains.

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Color

Hex(8F9642)

Conversions

Conversions Part 1

Format	Color
Hex	8F9642
RGB	143, 150, 66
RGB Percent	56%, 59%, 26%
CMY	0.4392, 0.4118, 0.7412
CMYK	0.05, 0.00, 0.56, 0.41
HSL	65°, 39%, 42%
HSV	65°, 56%, 59%
XYZ	23.2174, 28.0457, 9.3439
YIQ	138.3310, 22.7920, -27.6080

Conversions

Conversions Part 2

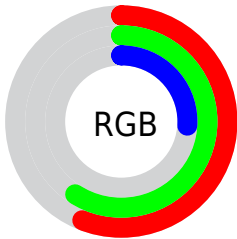
Format	Color
RYB	66, 150, 73
Decimal	9410114
CIELab	59.93, -14.73, 42.70
CIElCh	60, 45.165, 109.032
Yxy	28.0457, 0.3831, 0.4627
Android (android.graphics.Color)	4287600194 (0xFF8F9642)
YUV	138.3310, -35.6592, 4.0947
Hunter-Lab	52.9582, -14.4206, 26.6096

Details

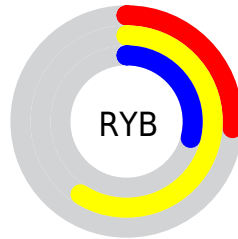
The Hex color **8F9642** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **494296**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C6CC75**, and **5A630E** is the 20% darker color. If you saturate the color by 10%, you get **8E9633**, and if you desaturate by 10%, it is **909651**.

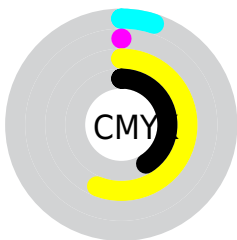
Distribution



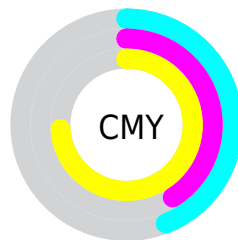
- Red (56%)
- Green (59%)
- Blue (26%)



- Red (26%)
- Yellow (59%)
- Blue (29%)



- Cyan (5%)
- Magenta (0%)
- Yellow (56%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8F9642 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 8F9642 by changing the saturation by 10% instead.

 8F9642

 8F9642

FFFFFF

 747C29

 C6CC75

 5A630E

 E3E88F

 414C00

 FFFFAA

 293500

 FFFFC6

 102000

 FFFFEE

 000000

 8F9642

 8F9642

 8E9633

 909651

 8C9624

 929660

■ 8B9615

■ 93966F

■ 8A9606

■ 94967E

■ 899600

■ 95968D

■ 97969C

■ 9896AB

■ 9996BA

■ 9A96C9

Harmonies

Analogous

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



B48941



8F9642



619F5A

Triad

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



8F9642



00A1CB



D370A1

Complementary

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



8F9642



494296

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.



B37CC5



8F9642



0499DE

Square

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



8F9642



00A4A9



7B8CDC



DB7079

Rectangle

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



8F9642



36A373



7B8CDC



CB73AE

Sweetspot

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



8F9642



BFC2A1



964942



5F614E



E0E0E0



616161

Same Dimension

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



8F9642



B7C240



659642



494A43



7E8A00



090A00

Inverse Universe

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



494296



4B40C2



734296



43434A



0B008A



01000A

Previews

White Background



This preview shows how the Hex color 8F9642 looks on a white background.

Color Contrast Check

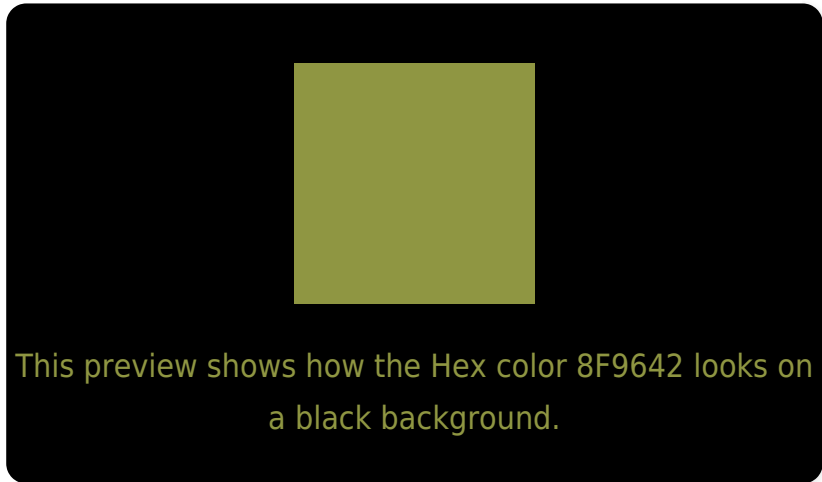
Large Text (above 18pt) WCAG AA ✓ Pass

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

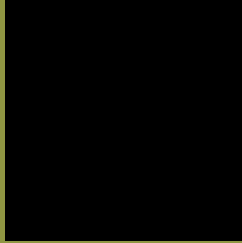
Any Text WCAG AA ✓ Pass

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 8F9642 Background



This preview shows how black text looks on a background with the Hex color 8F9642.



This preview shows how white text looks on a background with the Hex color 8F9642.

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
8F9642

Protanopia
A09040

Deuteranopia
B28945



Tritanopia
988D98

Trichromacy



Original Color
8F9642

Protanomaly
9A9241

Deuteranomaly
A58E44

Tritanomaly
959079

Monochromacy



Original Color
8F9642

Achromatopsia
8A8A8A

Achromatomaly
8C8E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 8F9642 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 #8F9642 looks like.

```
.text, #text, p{  
    color:#8F9642  
}
```

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 #8F9642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F9642
}
```

Border

The CSS property to change the border of an element to Hex 8F9642 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
#8F9642 }
```

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

```
.border{ border-color:#8F9642 }
```

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

Here you see how a box with a 4 pixel #8F9642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F9642; -webkit-box-shadow:4px 4px  
4px 4px #8F9642; box-shadow:4px 4px 4px  
4px #8F9642 }
```

Background

The CSS property to change the background color of an element to Hex 8F9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F9642 }
```

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

```
.background{ background-color:#8F9642 }
```

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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