

# Converting Colors

Hex(8F9653)

Have a look what the booklet for  
Hex(8F9653) contains.

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**Color**

**Hex(8F9653)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F9653
RGB	143, 150, 83
RGB Percent	56%, 59%, 33%
CMY	0.4392, 0.4118, 0.6745
CMYK	0.05, 0.00, 0.45, 0.41
HSL	66°, 29%, 46%
HSV	66°, 45%, 59%
XYZ	23.7954, 28.2769, 12.3874
YIQ	140.2690, 17.3350, -22.3210

# Conversions

## Conversions Part 2

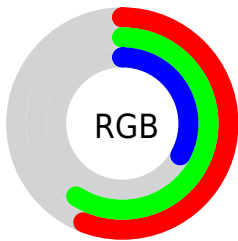
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 150, 90
Decimal	9410131
CIELab	60.14, -13.05, 34.36
CIELCh	60, 36.758, 110.799
Yxy	28.2769, 0.3692, 0.4387
Android (android.graphics.Color)	4287600211 (0xFF8F9653)
YUV	140.2690, -28.2336, 2.3951
Hunter-Lab	53.1760, -13.1822, 23.4115

# Details

The Hex color **8F9653** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A5396**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C6CC86**, and **5B6323** is the 20% darker color. If you saturate the color by 10%, you get **8D9644**, and if you desaturate by 10%, it is **919662**.

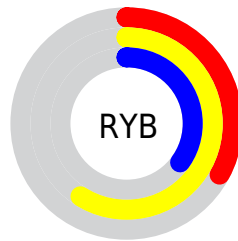
# Distribution



Red (56%)

Green (59%)

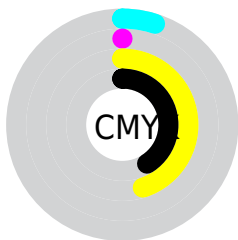
Blue (33%)



Red (33%)

Yellow (59%)

Blue (35%)

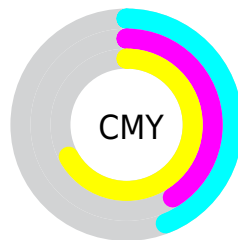


Cyan (5%)

Magenta (0%)

Yellow (45%)

Black (41%)



Cyan (44%)

Magenta (41%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F9653 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 8F9653 by changing the saturation by 10% instead.





8F9653



8F9653

FFFFFF



757C3B



C6CC86



5B6323



E2E8A0



424B0A



FFFFBC



2C3500



FFFFD8



132000



FFFFF4



000100



000000



8F9653



8F9653



8D9644



919662

8C9635

929671

8A9626

949680

899617

95968F

879608

97969E

869600

9896AD

9A96BC

9C96CB

9D96DA

# Harmonies

## Analogous

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



AE8C51



8F9653



6A9D67

# Triad

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



8F9653



009FC2



C9789C

# Complementary

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



8F9653



5A5396

# 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.



B080BA



8F9653



4B97D0

# Square

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



8F9653



00A2A7



858CCD



D0787C

# Rectangle

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



8F9653



4CA07B



858CCD



C37AA7



# Sweetspot

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



8F9653



BFC2A9



965A53



5F6151



E0E0E0



616161



# Same Dimension

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



8F9653



B7C259



6E9653



494A43



7B8A00



090A00



# Inverse Universe

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



5A5396



6459C2



7B5396



43434A



0E008A



01000A



# Previews

## White Background



This preview shows how the Hex color 8F9653 looks on a white background.

## Color Contrast Check

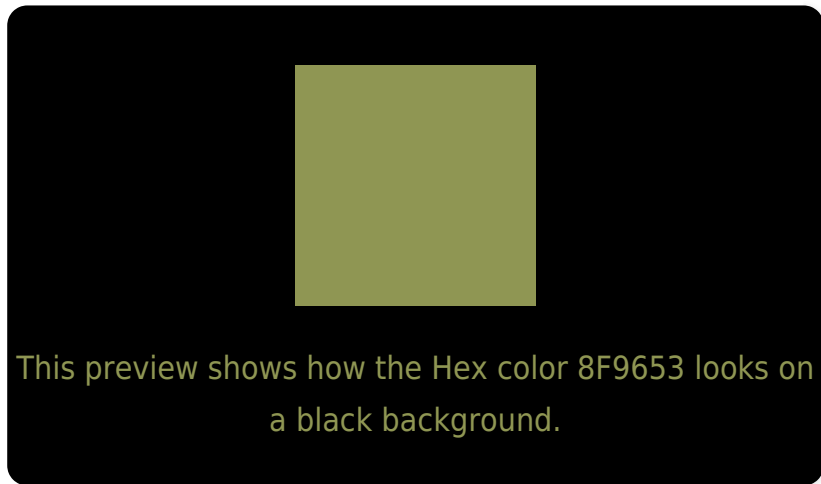
Large Text (above 18pt) WCAG AA ✓ Pass

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

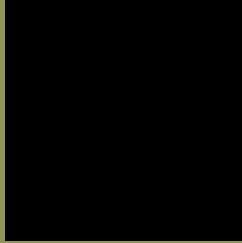
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8F9653 Background



This preview shows how black text looks on a background with the Hex color 8F9653.



This preview shows how white text looks on a background with the Hex color 8F9653.

# 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**  
8F9653

**Protanopia**  
9F9151

**Deuteranopia**  
B08A56



**Tritanopia**  
978E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F9653 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 #8F9653 looks like.

```
.text, #text, p{  
    color:#8F9653  
}
```

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 #8F9653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F9653
}
```

## Border

The CSS property to change the border of an element to Hex 8F9653 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
#8F9653 }
```

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

```
.border{ border-color:#8F9653 }
```

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

Here you see how a box with a 4 pixel #8F9653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F9653; -webkit-box-shadow:4px 4px  
4px 4px #8F9653; box-shadow:4px 4px 4px  
4px #8F9653 }
```

# Background

The CSS property to change the background color of an element to Hex 8F9653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F9653 }
```

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

```
.background{ background-color:#8F9653 }
```

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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