

# Converting Colors

Hex(7FA268)

Have a look what the booklet for  
Hex(7FA268) contains.

|  |    |
|--|----|
| <b>Hex(7FA268)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(7FA268)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7FA268                      |
| RGB         | 127, 162, 104               |
| RGB Percent | 50%, 64%, 41%               |
| CMY         | 0.5020, 0.3647, 0.5922      |
| CMYK        | 0.22, 0.00, 0.36, 0.36      |
| HSL         | 96°, 24%, 52%               |
| HSV         | 96°, 36%, 64%               |
| XYZ         | 24.1714, 31.3522, 17.8743   |
| YIQ         | 144.9230, -2.2420, -25.4580 |

# Conversions

## Conversions Part 2

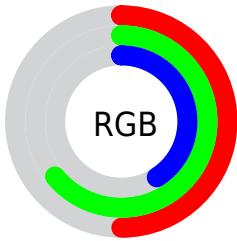
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">104, 162, 139</a>                    |
| Decimal                             | <a href="#">8364648</a>                          |
| CIELab                              | <a href="#">62.80, -22.89, 26.36</a>             |
| CIElCh                              | <a href="#">63, 34.911, 130.973</a>              |
| Yxy                                 | <a href="#">31.3522, 0.3293,<br/>0.4272</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286554728<br/>(0xFF7FA268)</a>      |
| YUV                                 | <a href="#">144.9230, -20.1750,<br/>-15.7185</a> |
| Hunter-Lab                          | <a href="#">55.9930, -20.9317,<br/>20.2683</a>   |

# Details

The Hex color **7FA268** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B68A2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B5D99C**, and **4C6E38** is the 20% darker color. If you saturate the color by 10%, you get **75A258**, and if you desaturate by 10%, it is **89A278**.

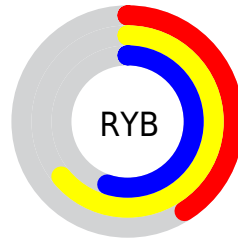
# Distribution



Red (50%)

Green (64%)

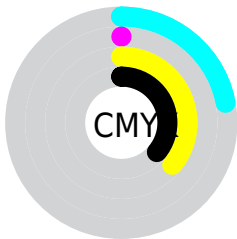
Blue (41%)



Red (41%)

Yellow (64%)

Blue (55%)

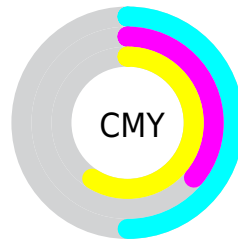


Cyan (22%)

Magenta (0%)

Yellow (36%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FA268 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 7FA268 by changing the saturation by 10% instead.





7FA268



7FA268

FFFFFF



65884F



B5D99C



4C6E38



D1F6B7



345621



EDFFD3



1D3E0B



FFFFEF



072800



001100



000000



7FA268



7FA268



75A258



89A278

 6BA248

 93A288

 62A237

 9CA299

 58A227

 A6A2A9

 4EA217

 B0A2B9

 44A207

 BAA2C9

 40A200

 C3A2D9

 CDA2EA

 D7A2FA

# Harmonies

## Analogous

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



A19A5A



7FA268



58A783

# Triad

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



7FA268



47A1D2



D4808E

# Complementary

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



7FA268



8B68A2

# 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.



C882AD



7FA268



7E97D5

# Square

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



7FA268



0EA7C0



AA8CC7



D08571

# Rectangle

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



7FA268



3BA898



AA8CC7



D28098



# Sweetspot

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



7FA268



C6D4BC



A28B68



636B5D



EBEBEB



6B6B6B



# Same Dimension

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



7FA268



9DD479



68A26E



4D5249



3A9100



071200



# Inverse Universe

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



8B68A2



B079D4



A2689C



4E4952



580091



0B0012



# Previews

## White Background



This preview shows how the Hex color 7FA268 looks on a white background.

## Color Contrast Check

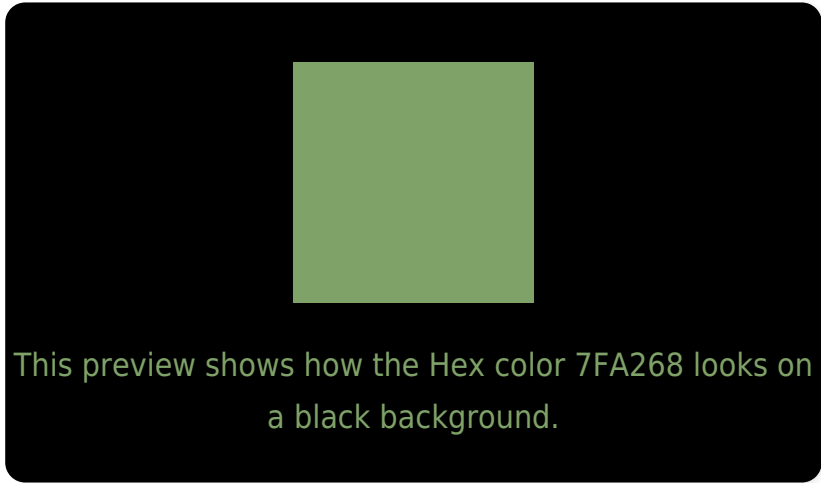
Large Text (above 18pt) WCAG AA × Fail

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

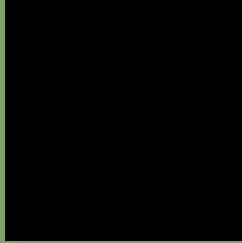
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FA268 Background



This preview shows how black text looks on a background with the Hex color 7FA268.

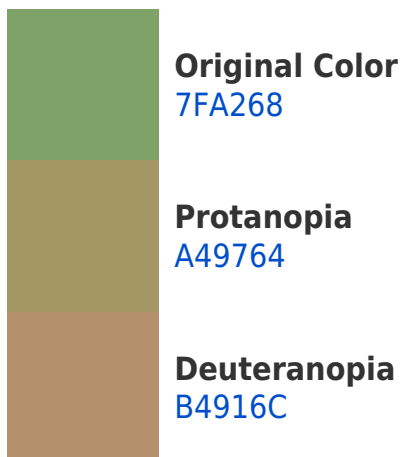


This preview shows how white text looks on a background with the Hex color 7FA268.

# 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**  
899AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FA268 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 #7FA268 looks like.

```
.text, #text, p{  
    color:#7FA268  
}
```

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 #7FA268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA268
}
```

## Border

The CSS property to change the border of an element to Hex 7FA268 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
#7FA268 }
```

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

```
.border{ border-color:#7FA268 }
```

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

Here you see how a box with a 4 pixel #7FA268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA268; -webkit-box-shadow:4px 4px  
4px 4px #7FA268; box-shadow:4px 4px 4px  
4px #7FA268 }
```

# Background

The CSS property to change the background color of an element to Hex 7FA268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA268 }
```

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

```
.background{ background-color:#7FA268 }
```

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