

Converting Colors

Hex(3F8268)

Have a look what the booklet for
Hex(3F8268) contains.

Hex(3F8268)	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(3F8268)

Conversions

Conversions Part 1

Format	Color
Hex	3F8268
RGB	63, 130, 104
RGB Percent	25%, 51%, 41%
CMY	0.7529, 0.4902, 0.5922
CMYK	0.52, 0.00, 0.20, 0.49
HSL	157°, 35%, 38%
HSV	157°, 52%, 51%
XYZ	12.5312, 18.0215, 15.9147
YIQ	107.0030, -31.5860, -22.2900

Conversions

Conversions Part 2

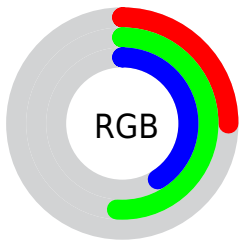
Format	Color
RYB	63, 105, 130
Decimal	4162152
CIELab	49.52, -27.94, 7.62
CIELCh	50, 28.962, 164.751
Yxy	18.0215, 0.2697, 0.3878
Android (android.graphics.Color)	4282352232 (0xFF3F8268)
YUV	107.0030, -1.4805, -38.5906
Hunter-Lab	42.4517, -21.5996, 7.4890

Details

The Hex color **3F8268** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **823F59**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **73B79B**, and **015039** is the 20% darker color. If you saturate the color by 10%, you get **328263**, and if you desaturate by 10%, it is **4C826D**.

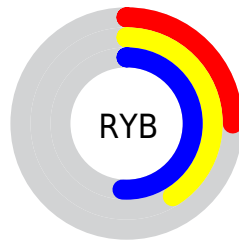
Distribution



Red (25%)

Green (51%)

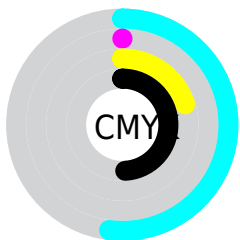
Blue (41%)



Red (25%)

Yellow (41%)

Blue (51%)

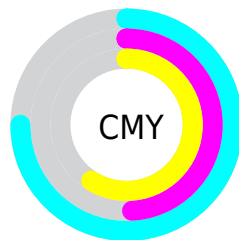


Cyan (52%)

Magenta (0%)

Yellow (20%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8268 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 3F8268 by changing the saturation by 10% instead.



3F8268



3F8268

FFFFFF



246950



73B79B



015039



8ED3B6



003923



AAF0D2



00230E



C6FFEE



000000



E2FFFF



3F8268



3F8268



328263



4C826D



25825E



598272

■ 188259

■ 668277

■ 0B8254

■ 73827C

■ 008250

■ 808281

■ 8D8286

■ 9A828B

■ A78290

■ B48295

Harmonies

Analogous

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



5E7E52



3F8268



1A8381

Triad

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



3F8268



6674A5



A16854

Complementary

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



3F8268



823F59

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.



A6636A



3F8268



886B99

Square

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



3F8268



3C7CA5



9E6483



917046

Rectangle

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



3F8268



068291



9E6483



A4665B

Sweetspot

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



3F8268



8FA89F



5A823F



45544E



D4D4D4



545454

Same Dimension

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



3F8268



40A880



3F7B82



39403D



00804E



000000

Inverse Universe

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



823F59



A84068



82463F



40393C



800031



000000

Previews

White Background



This preview shows how the Hex color 3F8268 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

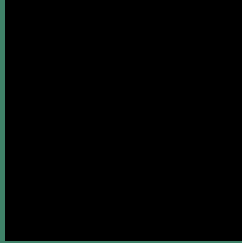
Any Text WCAG AA ✓ Pass

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 3F8268 Background



This preview shows how black text looks on a background with the Hex color 3F8268.

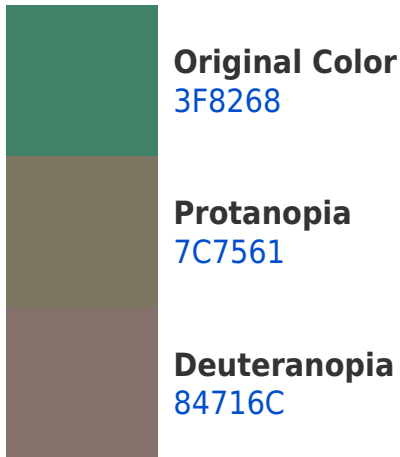


This preview shows how white text looks on a background with the Hex color 3F8268.

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
487E88

Trichromacy



Original Color

3F8268

Protanomaly

667A64

Deuteranomaly

6B776B

Tritanomaly

457F7C

Monochromacy



Original Color

3F8268

Achromatopsia

6B6B6B

Achromatomaly

5B736A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8268 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 #3F8268 looks like.

```
.text, #text, p{  
    color:#3F8268  
}
```

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 #3F8268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8268
}
```

Border

The CSS property to change the border of an element to Hex 3F8268 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
#3F8268 }
```

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

```
.border{ border-color:#3F8268 }
```

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

Here you see how a box with a 4 pixel #3F8268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8268; -webkit-box-shadow:4px 4px  
4px 4px #3F8268; box-shadow:4px 4px 4px  
4px #3F8268 }
```

Background

The CSS property to change the background color of an element to Hex 3F8268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8268 }
```

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

```
.background{ background-color:#3F8268 }
```

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