

Converting Colors

Hex(3F8468)

Have a look what the booklet for
Hex(3F8468) contains.

Hex(3F8468)	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(3F8468)

Conversions

Conversions Part 1

Format	Color
Hex	3F8468
RGB	63, 132, 104
RGB Percent	25%, 52%, 41%
CMY	0.7529, 0.4824, 0.5922
CMYK	0.52, 0.00, 0.21, 0.48
HSL	156°, 35%, 38%
HSV	156°, 52%, 52%
XYZ	12.7999, 18.5588, 16.0043
YIQ	108.1770, -32.1360, -23.3360

Conversions

Conversions Part 2

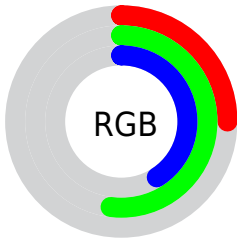
Format	Color
RYB	63, 106, 132
Decimal	4162664
CIELab	50.17, -28.92, 8.53
CIElCh	50, 30.148, 163.561
Yxy	18.5588, 0.2703, 0.3918
Android (android.graphics.Color)	4282352744 (0xFF3F8468)
YUV	108.1770, -2.0593, -39.6202
Hunter-Lab	43.0799, -22.3541, 8.1295

Details

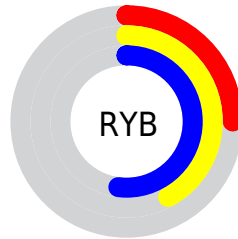
The Hex color **3F8468** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **843F5B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **74BA9B**, and **005239** is the 20% darker color. If you saturate the color by 10%, you get **328463**, and if you desaturate by 10%, it is **4C846D**.

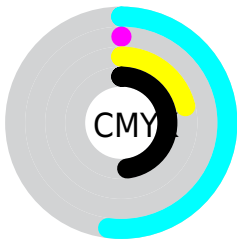
Distribution



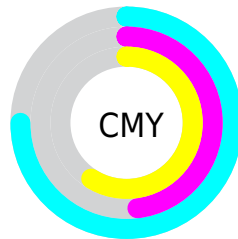
- Red (25%)
- Green (52%)
- Blue (41%)



- Red (25%)
- Yellow (42%)
- Blue (52%)



- Cyan (52%)
- Magenta (0%)
- Yellow (21%)
- Black (48%)



- Cyan (75%)
- Magenta (48%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8468 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 3F8468 by changing the saturation by 10% instead.



3F8468



3F8468

FFFFFF



246A50



74BA9B



005239



8FD5B6



003A23



AAF2D2



00250E



C6FFEE



000100



E3FFFF



000000



3F8468



3F8468



328463



4C846D



25845D



598473

■ 178458

■ 678478

■ 0A8453

■ 74847D

■ 00844E

■ 818483

■ 8E8488

■ 9B848D

■ A98493

■ B68498

Harmonies

Analogous

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



608051



3F8468



148582

Triad

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



3F8468



6576A9



A46855

Complementary

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



3F8468



843F5B

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.



A9636D



3F8468



896C9D

Square

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



3F8468



377EA8



A06587



947146

Rectangle

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



3F8468



008493



A06587



A7665C

Sweetspot

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



3F8468



90ABA0



5C843F



465750



D6D6D6



575757

Same Dimension

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



3F8468



3FAB7F



3F7E84



3C4240



00824D



000302

Inverse Universe

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



843F5B



AB3F6B



84453F



423C3E



820035



030001

Previews

White Background



This preview shows how the Hex color 3F8468 looks on a white background.

Color Contrast Check

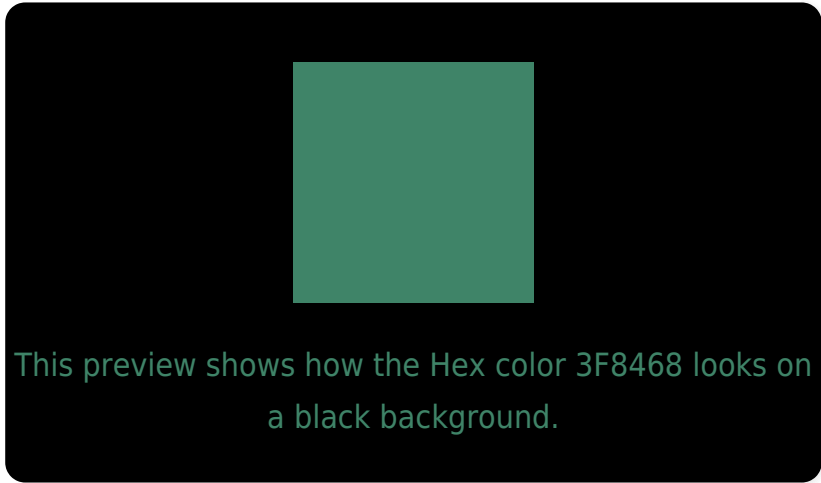
Large Text (above 18pt) WCAG AA ✓ Pass

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

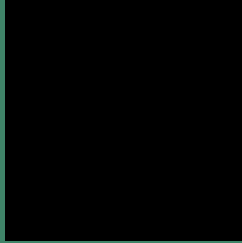
Any Text WCAG AA ✓ Pass

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 3F8468 Background



This preview shows how black text looks on a background with the Hex color 3F8468.

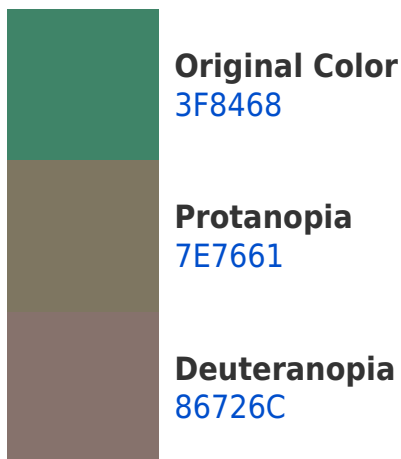


This preview shows how white text looks on a background with the Hex color 3F8468.

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
497F8A

Trichromacy



Original Color
3F8468

Protanomaly
677B64

Deuteranomaly
6C796B

Tritanomaly
45817E

Monochromacy



Original Color
3F8468

Achromatopsia
6C6C6C

Achromatomaly
5C756B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8468 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 #3F8468 looks like.

```
.text, #text, p{  
    color:#3F8468  
}
```

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 #3F8468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8468
}
```

Border

The CSS property to change the border of an element to Hex 3F8468 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
#3F8468 }
```

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

```
.border{ border-color:#3F8468 }
```

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

Here you see how a box with a 4 pixel #3F8468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8468; -webkit-box-shadow:4px 4px  
4px 4px #3F8468; box-shadow:4px 4px 4px  
4px #3F8468 }
```

Background

The CSS property to change the background color of an element to Hex 3F8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8468 }
```

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

```
.background{ background-color:#3F8468 }
```

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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