

Converting Colors

Hex(3F8450)

Have a look what the booklet for
Hex(3F8450) contains.

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Color

Hex(3F8450)

Conversions

Conversions Part 1

Format	Color
Hex	3F8450
RGB	63, 132, 80
RGB Percent	25%, 52%, 31%
CMY	0.7529, 0.4824, 0.6863
CMYK	0.52, 0.00, 0.39, 0.48
HSL	135°, 35%, 38%
HSV	135°, 52%, 52%
XYZ	11.7491, 18.1385, 10.4712
YIQ	105.4410, -24.4320, -30.8000

Conversions

Conversions Part 2

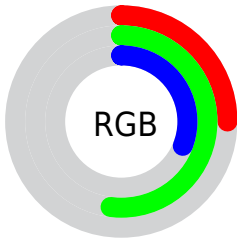
Format	Color
RYB	63, 118, 132
Decimal	4162640
CIELab	49.66, -33.96, 21.58
CIELCh	50, 40.238, 147.564
Yxy	18.1385, 0.2911, 0.4494
Android (android.graphics.Color)	4282352720 (0xFF3F8450)
YUV	105.4410, -12.5424, -37.2208
Hunter-Lab	42.5893, -25.2884, 15.2351

Details

The Hex color **3F8450** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **843F73**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **74BA82**, and **005222** is the 20% darker color. If you saturate the color by 10%, you get **328446**, and if you desaturate by 10%, it is **4C845A**.

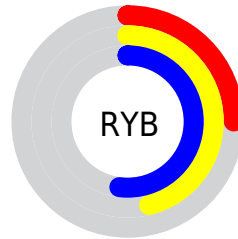
Distribution



Red (25%)

Green (52%)

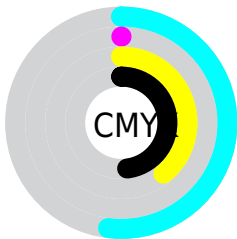
Blue (31%)



Red (25%)

Yellow (46%)

Blue (52%)

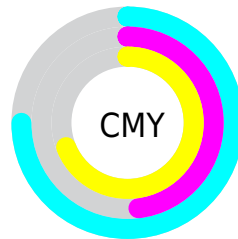


Cyan (52%)

Magenta (0%)

Yellow (39%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8450 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 3F8450 by changing the saturation by 10% instead.

 3F8450

 3F8450

FFFFFF

 246A39

 74BA82

 005222

 8FD69C

 003A0D

 AAF2B7

 002500

 C6FFD3

 000000

 E3FFEF

 3F8450

 3F8450

 328446

 4C845A

 25843C

 598464


 178432

 67846E

 0A8428

 748478

 008421

 818482

 8E848C

 9B8496

 A984A0

 B684AA

Harmonies

Analogous

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



6A7D37



3F8450



008772

Triad

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



3F8450



2C7BBA



B55C58

Complementary

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



3F8450



843F73

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.



B3597A



3F8450



746EB3

Square

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



3F8450



0083AF



9E619B



A7673D

Rectangle

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



3F8450



00878A



9E619B



B65A63

Sweetspot

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



3F8450



90AB96



74843F



46574A



D6D6D6



575757

Same Dimension

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



3F8450



3FAB5A



3F8472



3C423D



008220



000301

Inverse Universe

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



843F73



AB3F90



843F51



423C41



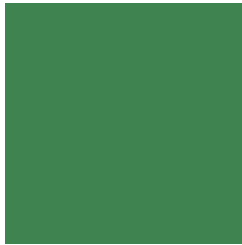
820062



030002

Previews

White Background



This preview shows how the Hex color 3F8450 looks on a white background.

Color Contrast Check

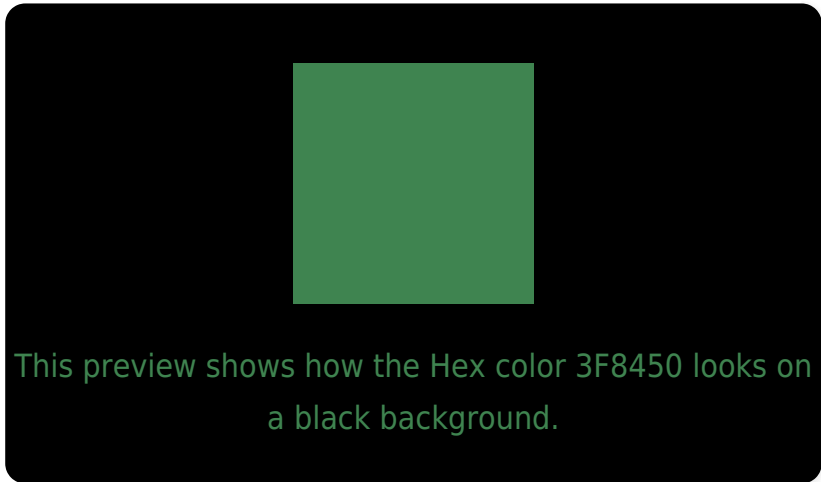
Large Text (above 18pt) WCAG AA ✓ Pass

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

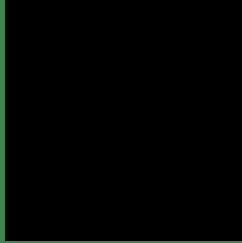
Any Text WCAG AA ✓ Pass

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 3F8450 Background



This preview shows how black text looks on a background with the Hex color 3F8450.



This preview shows how white text looks on a background with the Hex color 3F8450.

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](#).

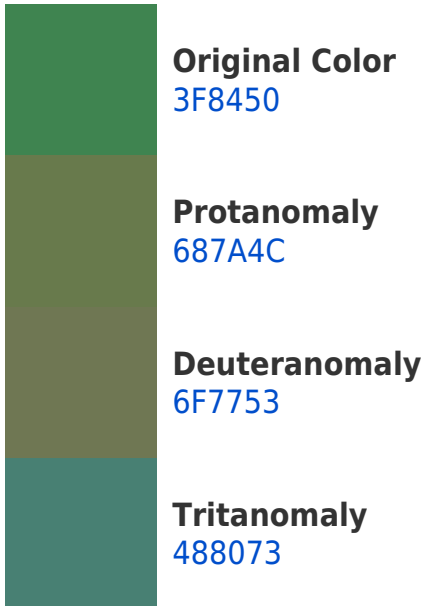
Dichromacy



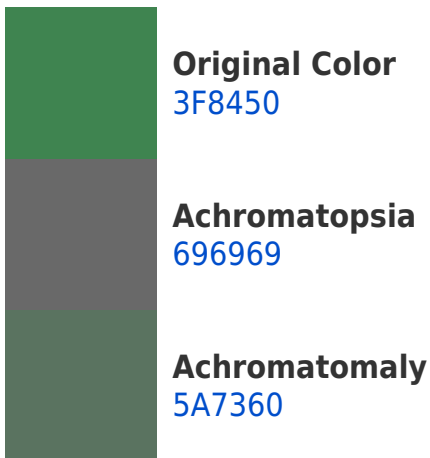


Tritanopia
4D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8450 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 #3F8450 looks like.

```
.text, #text, p{  
    color:#3F8450  
}
```

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 #3F8450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8450
}
```

Border

The CSS property to change the border of an element to Hex 3F8450 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
#3F8450 }
```

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

```
.border{ border-color:#3F8450 }
```

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

Here you see how a box with a 4 pixel #3F8450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8450; -webkit-box-shadow:4px 4px  
4px 4px #3F8450; box-shadow:4px 4px 4px  
4px #3F8450 }
```

Background

The CSS property to change the background color of an element to Hex 3F8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8450 }
```

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

```
.background{ background-color:#3F8450 }
```

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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