

Converting Colors

Hex(3F8250)

Have a look what the booklet for
Hex(3F8250) contains.

Hex(3F8250)	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(3F8250)

Conversions

Conversions Part 1

Format	Color
Hex	3F8250
RGB	63, 130, 80
RGB Percent	25%, 51%, 31%
CMY	0.7529, 0.4902, 0.6863
CMYK	0.52, 0.00, 0.38, 0.49
HSL	135°, 35%, 38%
HSV	135°, 52%, 51%
XYZ	11.4805, 17.6012, 10.3817
YIQ	104.2670, -23.8820, -29.7540

Conversions

Conversions Part 2

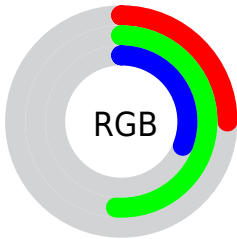
Format	Color
RYB	63, 116, 130
Decimal	4162128
CIELab	49.01, -33.05, 20.72
CIELCh	49, 39.006, 147.922
Yxy	17.6012, 0.2909, 0.4460
Android (android.graphics.Color)	4282352208 (0xFF3F8250)
YUV	104.2670, -11.9636, -36.1912
Hunter-Lab	41.9538, -24.5733, 14.6960

Details

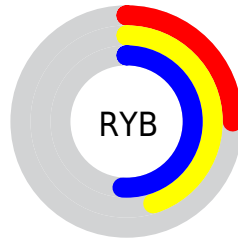
The Hex color **3F8250** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **823F71**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **73B882**, and **025022** is the 20% darker color. If you saturate the color by 10%, you get **328246**, and if you desaturate by 10%, it is **4C825A**.

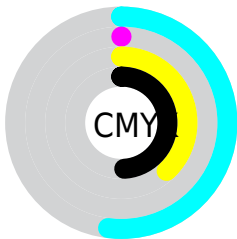
Distribution



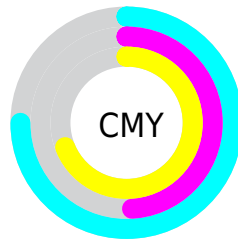
- Red (25%)
- Green (51%)
- Blue (31%)



- Red (25%)
- Yellow (45%)
- Blue (51%)



- Cyan (52%)
- Magenta (0%)
- Yellow (38%)
- Black (49%)



- Cyan (75%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8250 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 3F8250 by changing the saturation by 10% instead.

 3F8250

 3F8250

FFFFFF

 246839

 73B882

 025022

 8ED39C

 00380D

 AAF0B7

 002400

 C6FFD3

 000000

 E2FFEF

 3F8250

 3F8250

 328246

 4C825A

 25823D

 598263

■ 188233

■ 66826D

■ 0B8229

■ 738277

■ 008221

■ 808281

■ 8D828A

■ 9A8294

■ A7829E

■ B482A7

Harmonies

Analogous

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



697C38



3F8250



008571

Triad

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



3F8250



3079B6



B15B57

Complementary

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



3F8250



823F71

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.



B05978



3F8250



736DAF

Square

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



3F8250



0081AC



9B6098



A3663D

Rectangle

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



3F8250



008588



9B6098



B35962

Sweetspot

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



3F8250



8FA895



71823F



455449



D4D4D4



545454

Same Dimension

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



3F8250



40A85A



3F8271



39403B



008020



000000

Inverse Universe

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



823F71



A8408E



823F50



40393E



80005F



000000

Previews

White Background



This preview shows how the Hex color 3F8250 looks on a white background.

Color Contrast Check

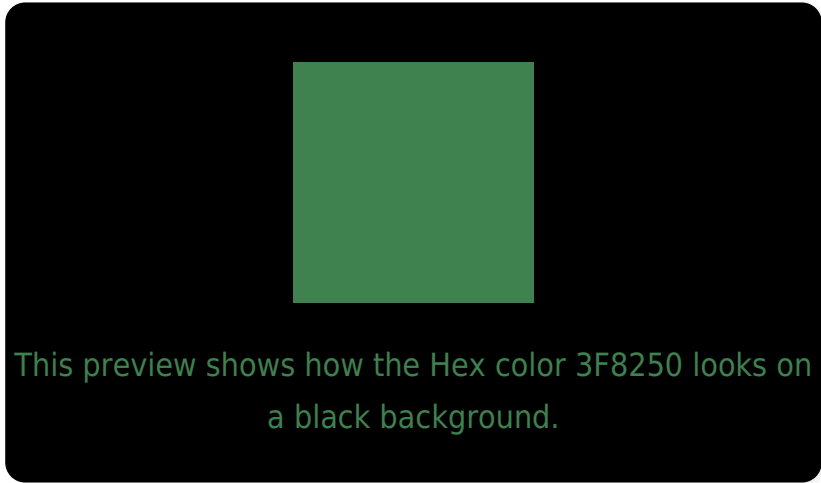
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F8250 Background



This preview shows how black text looks on a background with the Hex color 3F8250.



This preview shows how white text looks on a background with the Hex color 3F8250.

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
3F8250

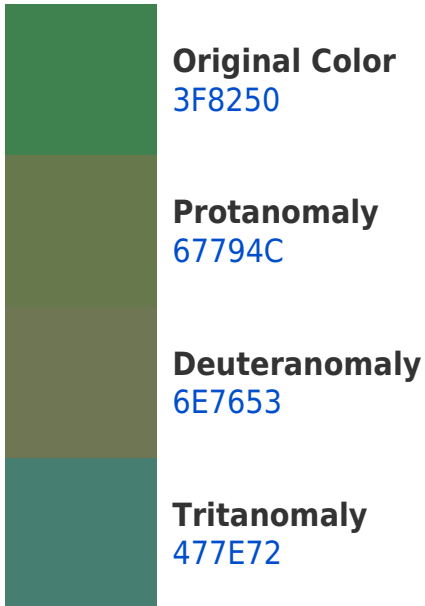
Protanopia
7E744A

Deuteranopia
896F54

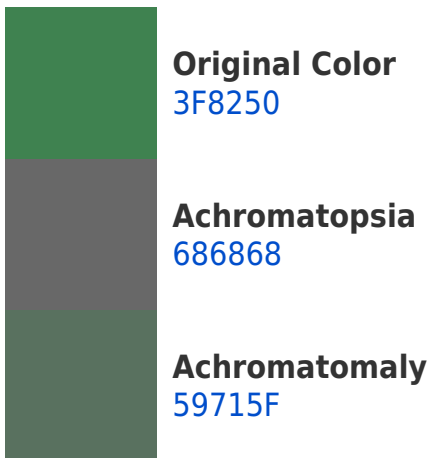


Tritanopia
4C7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8250 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 #3F8250 looks like.

```
.text, #text, p{  
    color:#3F8250  
}
```

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 #3F8250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8250
}
```

Border

The CSS property to change the border of an element to Hex 3F8250 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
#3F8250 }
```

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

```
.border{ border-color:#3F8250 }
```

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

Here you see how a box with a 4 pixel #3F8250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8250; -webkit-box-shadow:4px 4px  
4px 4px #3F8250; box-shadow:4px 4px 4px  
4px #3F8250 }
```

Background

The CSS property to change the background color of an element to Hex 3F8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8250 }
```

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

```
.background{ background-color:#3F8250 }
```

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