

Converting Colors

Hex(3F7B5B)

Have a look what the booklet for
Hex(3F7B5B) contains.

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Color

Hex(3F7B5B)

Conversions

Conversions Part 1

Format	Color
Hex	3F7B5B
RGB	63, 123, 91
RGB Percent	25%, 48%, 36%
CMY	0.7529, 0.5176, 0.6431
CMYK	0.49, 0.00, 0.26, 0.52
HSL	148°, 32%, 36%
HSV	148°, 49%, 48%
XYZ	11.0212, 15.9780, 12.4007
YIQ	101.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

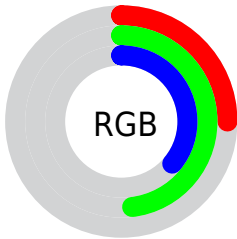
Format	Color
RYB	63, 104, 123
Decimal	4160347
CIELab	46.95, -27.50, 11.58
CIELCh	47, 29.838, 157.160
Yxy	15.9780, 0.2797, 0.4055
Android (android.graphics.Color)	4282350427 (0xFF3F7B5B)
YUV	101.4120, -5.1331, -33.6873
Hunter-Lab	39.9725, -20.7360, 9.5871

Details

The Hex color **3F7B5B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7B3F5F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **72B08D**, and **064A2D** is the 20% darker color. If you saturate the color by 10%, you get **337B54**, and if you desaturate by 10%, it is **4B7B62**.

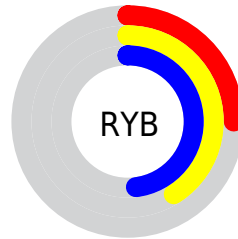
Distribution



Red (25%)

Green (48%)

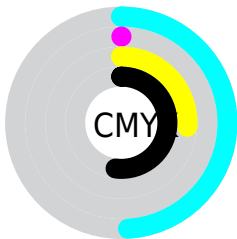
Blue (36%)



Red (25%)

Yellow (41%)

Blue (48%)

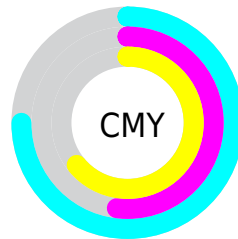


Cyan (49%)

Magenta (0%)

Yellow (26%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7B5B 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 3F7B5B by changing the saturation by 10% instead.



3F7B5B



3F7B5B

FFFFFF



256243



72B08D



064A2D



8DCCA8



003218



A8E8C3



001F00



C4FFDF



000000



E0FFFB

FEFFFF



3F7B5B



3F7B5B



337B54



4B7B62

■ 267B4E

■ 587B68

■ 1A7B47

■ 647B6F

■ 0E7B41

■ 707B75

■ 027B3A

■ 7D7B7C

■ 007B39

■ 897B82

■ 957B89

■ A17B8F

■ AE7B96

Harmonies

Analogous

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



5F7746



3F7B5B



137D75

Triad

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



3F7B5B



5470A1



9D5F52

Complementary

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



3F7B5B



7B3F5F

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.



9F5B6A



3F7B5B



7A6797

Square

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



3F7B5B



21779D



945E83



8F6741

Rectangle

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



3F7B5B



007C85



945E83



9F5D5A

Sweetspot

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



3F7B5B



89A194



5F7B3F



43524A



D1D1D1



525252

Same Dimension

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



3F7B5B



42A16E



3F7B79



373D3A



007D3A



00FC76

Inverse Universe

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



7B3F5F



A14274



7B3F41



3D373A



7D0043



FC0087

Previews

White Background



This preview shows how the Hex color 3F7B5B looks on a white background.

Color Contrast Check

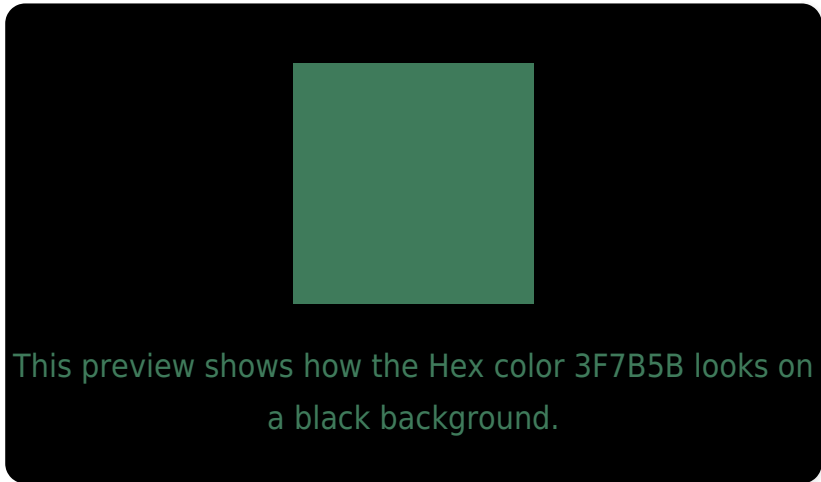
Large Text (above 18pt) WCAG AA ✓ Pass

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

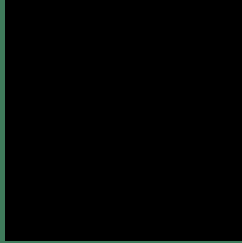
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3F7B5B Background



This preview shows how black text looks on a background with the Hex color 3F7B5B.



This preview shows how white text looks on a background with the Hex color 3F7B5B.

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
3F7B5B

Protanopia
766F55

Deuteranopia
7F6B5F



Tritanopia
497680

Trichromacy



Original Color
3F7B5B

Protanomaly
627357

Deuteranomaly
68715E

Tritanomaly
457873

Monochromacy



Original Color
3F7B5B

Achromatopsia
656565

Achromatomaly
576D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7B5B 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 #3F7B5B looks like.

```
.text, #text, p{  
    color:#3F7B5B  
}
```

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 #3F7B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7B5B
}
```

Border

The CSS property to change the border of an element to Hex 3F7B5B 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
#3F7B5B }
```

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

```
.border{ border-color:#3F7B5B }
```

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

Here you see how a box with a 4 pixel #3F7B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7B5B; -webkit-box-shadow:4px 4px  
4px 4px #3F7B5B; box-shadow:4px 4px 4px  
4px #3F7B5B }
```

Background

The CSS property to change the background color of an element to Hex 3F7B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7B5B }
```

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

```
.background{ background-color:#3F7B5B }
```

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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