

Converting Colors

Hex(3B7C4F)

Have a look what the booklet for
Hex(3B7C4F) contains.

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Color

Hex(3B7C4F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3B7C4F |
| RGB | 59, 124, 79 |
| RGB Percent | 23%, 49%, 31% |
| CMY | 0.7686, 0.5137, 0.6902 |
| CMYK | 0.52, 0.00, 0.36, 0.51 |
| HSL | 138°, 36%, 36% |
| HSV | 138°, 52%, 49% |
| XYZ | 10.4226, 15.9096, 9.9187 |
| YIQ | 99.4350, -24.2950, -27.7750 |

Conversions

Conversions Part 2

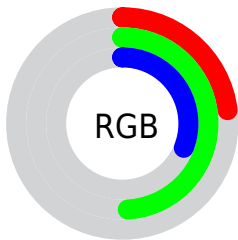
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 59, 109, 124 |
| Decimal | 3898447 |
| CIELab | 46.86, -31.61, 18.38 |
| CIELCh | 47, 36.564, 149.820 |
| Yxy | 15.9096, 0.2875, 0.4389 |
| Android (android.graphics.Color) | 4282088527 (0xFF3B7C4F) |
| YUV | 99.4350, -10.0745, -35.4615 |
| Hunter-Lab | 39.8869, -23.1594, 13.1772 |

Details

The Hex color **3B7C4F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7C3B68**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6FB181**, and **004A22** is the 20% darker color. If you saturate the color by 10%, you get **2F7C46**, and if you desaturate by 10%, it is **477C58**.

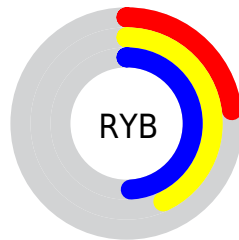
Distribution



Red (23%)

Green (49%)

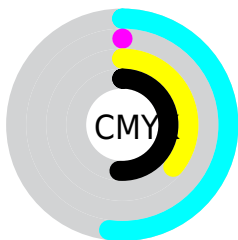
Blue (31%)



Red (23%)

Yellow (43%)

Blue (49%)

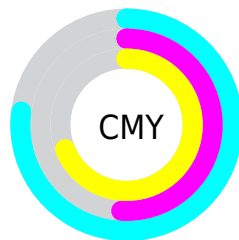


Cyan (52%)

Magenta (0%)

Yellow (36%)

Black (51%)



Cyan (77%)

Magenta (51%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7C4F 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 3B7C4F by changing the saturation by 10% instead.



3B7C4F



3B7C4F

FFFFFF



206338



6FB181



004A22



8ACD9B



00330C



A5E9B6



002000



C1FFD1



000000



DDFEE



FAFFFF



3B7C4F



3B7C4F



2F7C46



477C58

■ 227C3E

■ 547C60

■ 167C35

■ 607C69

■ 097C2D

■ 6D7C71

■ 007C26

■ 797C7A

■ 857C83

■ 927C8B

■ 9E7C94

■ AB7C9C

Harmonies

Analogous

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



627638



3B7C4F



007F6E

Triad

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



3B7C4F



3772AC



A75852

Complementary

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



3B7C4F



7C3B68

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.



A75570



3B7C4F



7167A4

Square

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



3B7C4F



007AA4



955C8E



9A623A

Rectangle

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



3B7C4F



007F83



955C8E



A9565C

Sweetspot

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



3B7C4F



87A18F



697C3B



425247



D1D1D1



525252

Same Dimension

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



3B7C4F



3BA15B



3B7C6F



373D39



007D26



00FC4E

Inverse Universe

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



7C3B68



A13B82



7C3B48



3D373B



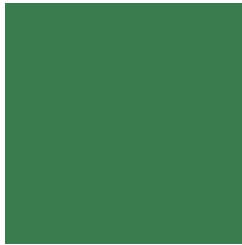
7D0057



FC00AF

Previews

White Background



This preview shows how the Hex color 3B7C4F looks on a white background.

Color Contrast Check

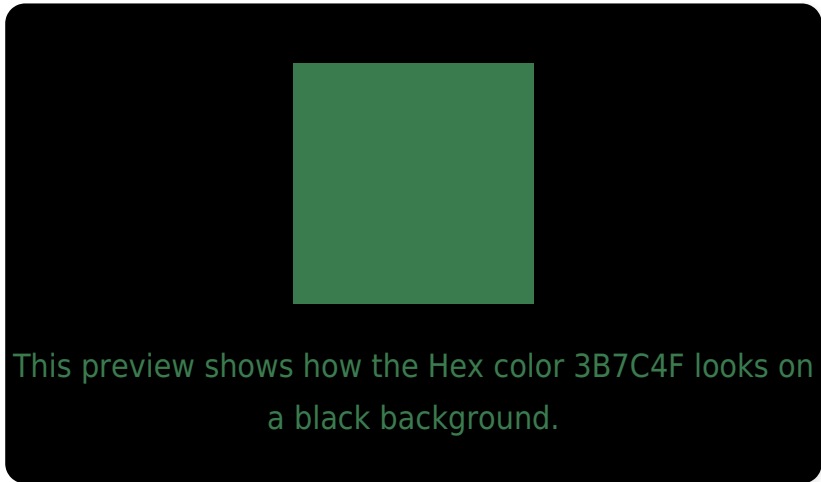
Large Text (above 18pt) WCAG AA ✓ Pass

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

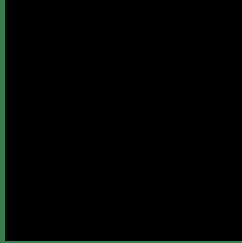
Any Text WCAG AA × Fail

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 3B7C4F Background



This preview shows how black text looks on a background with the Hex color 3B7C4F.



This preview shows how white text looks on a background with the Hex color 3B7C4F.

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
3B7C4F

Protanopia
786E49

Deuteranopia
826A53



Tritanopia
477680

Trichromacy



Original Color
3B7C4F

Protanomaly
62734B

Deuteranomaly
687152

Tritanomaly
43786E

Monochromacy



Original Color
3B7C4F

Achromatopsia
636363

Achromatomaly
546C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7C4F 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 #3B7C4F looks like.

```
.text, #text, p{  
    color:#3B7C4F  
}
```

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 #3B7C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7C4F
}
```

Border

The CSS property to change the border of an element to Hex 3B7C4F 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
#3B7C4F }
```

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

```
.border{ border-color:#3B7C4F }
```

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

Here you see how a box with a 4 pixel #3B7C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7C4F; -webkit-box-shadow:4px 4px  
4px 4px #3B7C4F; box-shadow:4px 4px 4px  
4px #3B7C4F }
```

Background

The CSS property to change the background color of an element to Hex 3B7C4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7C4F }
```

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

```
.background{ background-color:#3B7C4F }
```

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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