

Converting Colors

Hex(3B7F56)

Have a look what the booklet for
Hex(3B7F56) contains.

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Color

Hex(3B7F56)

Conversions

Conversions Part 1

Format	Color
Hex	3B7F56
RGB	59, 127, 86
RGB Percent	23%, 50%, 34%
CMY	0.7686, 0.5020, 0.6627
CMYK	0.54, 0.00, 0.32, 0.50
HSL	144°, 37%, 36%
HSV	144°, 54%, 50%
XYZ	11.0727, 16.7804, 11.4595
YIQ	101.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

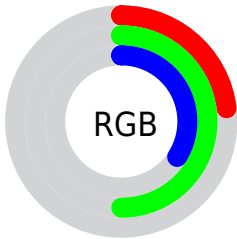
Format	Color
RYB	59, 108, 127
Decimal	3899222
CIELab	47.98, -31.59, 15.89
CIElCh	48, 35.357, 153.300
Yxy	16.7804, 0.2817, 0.4268
Android (android.graphics.Color)	4282089302 (0xFF3B7F56)
YUV	101.9940, -7.8850, -37.7057
Hunter-Lab	40.9639, -23.4376, 12.0887

Details

The Hex color **3B7F56** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7F3B64**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6FB488**, and **004D28** is the 20% darker color. If you saturate the color by 10%, you get **2E7F4E**, and if you desaturate by 10%, it is **487F5E**.

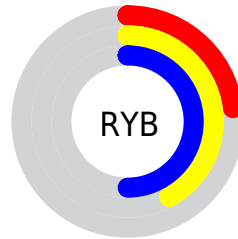
Distribution



Red (23%)

Green (50%)

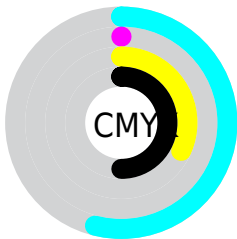
Blue (34%)



Red (23%)

Yellow (42%)

Blue (50%)

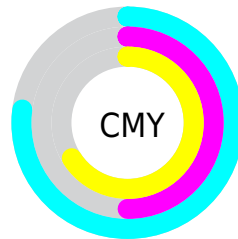


Cyan (54%)

Magenta (0%)

Yellow (32%)

Black (50%)



Cyan (77%)

Magenta (50%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7F56 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 3B7F56 by changing the saturation by 10% instead.



3B7F56



3B7F56

FFFFFF



20663F



6FB488



004D28



8AD0A2



003613



A5EDBD



002200



C1FFD9



000000



DEFFF6



FBFFFF



3B7F56



3B7F56



2E7F4E




487F5E

 227F47

 547F65

 157F3F

 617F6D

 087F37

 6E7F75

 007F32

 7B7F7C

 877F84

 947F8C

 A17F93

 AD7F9B

Harmonies

Analogous

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



627A3E



3B7F56



008174

Triad

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



3B7F56



4674AD



A85D53

Complementary

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



3B7F56



7F3B64

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.



A95970



3B7F56



7969A4

Square

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



3B7F56



007CA7



9A5E8D



99673D

Rectangle

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



3B7F56



008188



9A5E8D



AA5B5C

Sweetspot

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



3B7F56



8BA696



657F3B



44544B



D4D4D4



545454

Same Dimension

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



3B7F56



3CA666



3B7F77



39403C



008033



000000

Inverse Universe

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



7F3B64



A63C7C



7F3B43



40393D



80004D



000000

Previews

White Background



This preview shows how the Hex color 3B7F56 looks on a white background.

Color Contrast Check

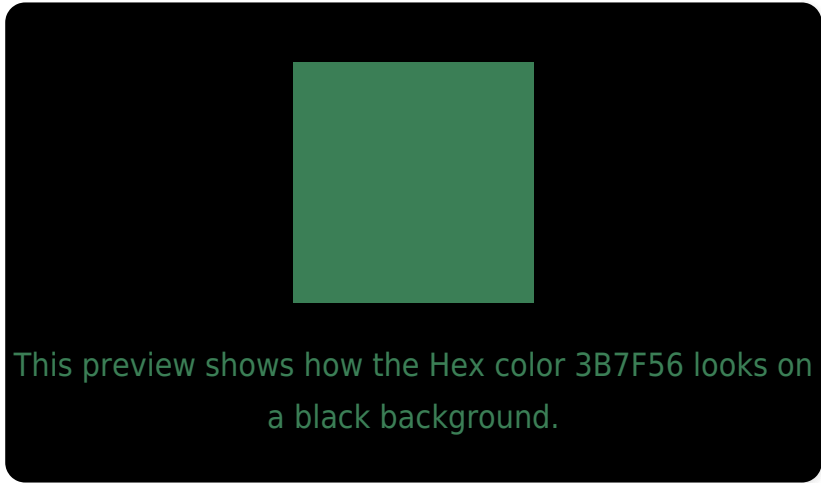
Large Text (above 18pt) WCAG AA ✓ Pass

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

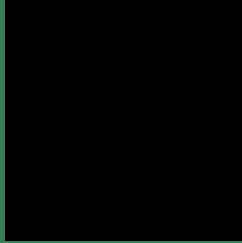
Any Text WCAG AA × Fail

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 3B7F56 Background



This preview shows how black text looks on a background with the Hex color 3B7F56.



This preview shows how white text looks on a background with the Hex color 3B7F56.

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
3B7F56

Protanopia
7A7150

Deuteranopia
846D5A



Tritanopia
477983

Trichromacy



Original Color
3B7F56

Protanomaly
637652

Deuteranomaly
697459

Tritanomaly
437B73

Monochromacy



Original Color
3B7F56

Achromatopsia
666666

Achromatomaly
566F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7F56 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 #3B7F56 looks like.

```
.text, #text, p{  
    color:#3B7F56  
}
```

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 #3B7F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7F56
}
```

Border

The CSS property to change the border of an element to Hex 3B7F56 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
#3B7F56 }
```

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

```
.border{ border-color:#3B7F56 }
```

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

Here you see how a box with a 4 pixel #3B7F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7F56; -webkit-box-shadow:4px 4px  
4px 4px #3B7F56; box-shadow:4px 4px 4px  
4px #3B7F56 }
```

Background

The CSS property to change the background color of an element to Hex 3B7F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7F56 }
```

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

```
.background{ background-color:#3B7F56 }
```

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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