

Converting Colors

Hex(3A7F40)

Have a look what the booklet for
Hex(3A7F40) contains.

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Color

Hex(3A7F40)

Conversions

Conversions Part 1

Format	Color
Hex	3A7F40
RGB	58, 127, 64
RGB Percent	23%, 50%, 25%
CMY	0.7725, 0.5020, 0.7490
CMYK	0.54, 0.00, 0.50, 0.50
HSL	125°, 37%, 36%
HSV	125°, 54%, 50%
XYZ	10.2597, 16.4484, 7.4846
YIQ	99.1870, -20.9010, -34.2210

Conversions

Conversions Part 2

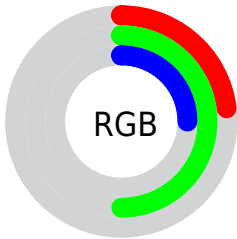
Format	Color
RYB	58, 121, 127
Decimal	3833664
CIELab	47.56, -35.89, 27.65
CIElCh	48, 45.305, 142.382
Yxy	16.4484, 0.3001, 0.4811
Android (android.graphics.Color)	4282023744 (0xFF3A7F40)
YUV	99.1870, -17.3472, -36.1210
Hunter-Lab	40.5567, -25.8187, 17.4479

Details

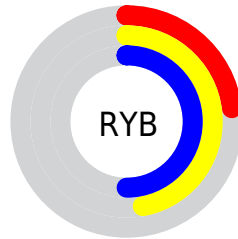
The Hex color **3A7F40** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F3A79**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6FB471**, and **004D12** is the 20% darker color. If you saturate the color by 10%, you get **2D7F34**, and if you desaturate by 10%, it is **477F4C**.

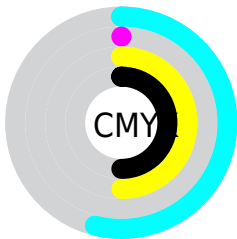
Distribution



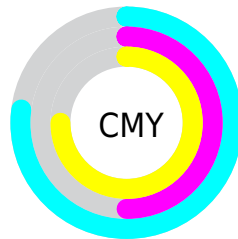
- Red (23%)
- Green (50%)
- Blue (25%)



- Red (23%)
- Yellow (47%)
- Blue (50%)



- Cyan (54%)
- Magenta (0%)
- Yellow (50%)
- Black (50%)



- Cyan (77%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7F40 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 3A7F40 by changing the saturation by 10% instead.

 3A7F40

 3A7F40

FFFFFF

 1E6629

 6FB471

 004D12

 8AD08B

 003500

 A5EDA5

 002200

 C1FFC1

 000000

 DEFFDD

 FBFFFA

 3A7F40

 3A7F40

 2D7F34

 477F4C

■ 217F29

■ 537F57

■ 147F1D

■ 607F63

■ 077F12

■ 6D7F6E

■ 007F0B

■ 7A7F7A

■ 867F86

■ 937F91

■ A07F9D

■ AC7FA8

Harmonies

Analogous

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



6A7725



3A7F40



008365

Triad

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



3A7F40



0078BC



B65056

Complementary

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



3A7F40



7F3A79

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.



B14F7C



3A7F40



616BB8

Square

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



3A7F40



0080AD



965BA0



A95D35

Rectangle

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



3A7F40



008380



965BA0



B74E62

Sweetspot

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



3A7F40



8BA68E



797F3A



445446



D4D4D4



545454

Same Dimension

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



3A7F40



3AA643



3A7F62



39403A



00800B



000000

Inverse Universe

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



7F3A79



A63A9C



7F3A57



40393F



800074



000000

Previews

White Background



This preview shows how the Hex color 3A7F40 looks on a white background.

Color Contrast Check

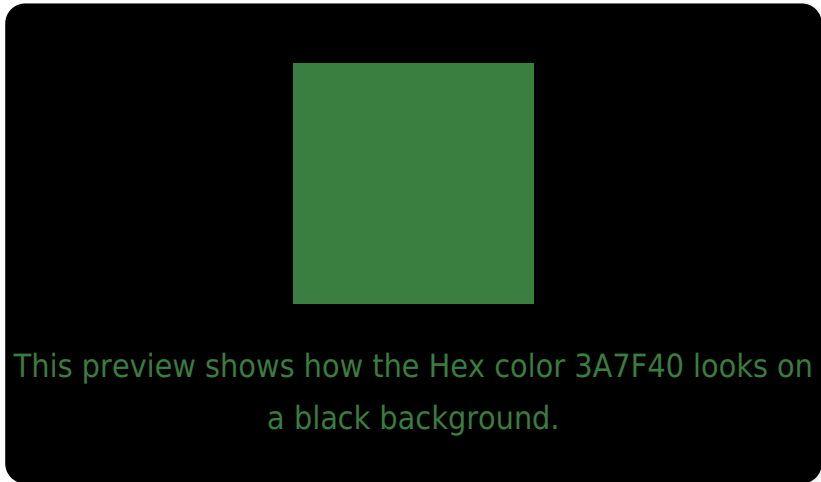
Large Text (above 18pt) WCAG AA ✓ Pass

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

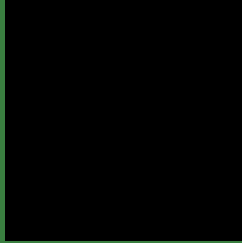
Any Text WCAG AA × Fail

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 3A7F40 Background



This preview shows how black text looks on a background with the Hex color 3A7F40.



This preview shows how white text looks on a background with the Hex color 3A7F40.

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
3A7F40

Protanopia
7C703B

Deuteranopia
886B45



Tritanopia
497881

Trichromacy



Original Color
3A7F40

Protanomaly
64753D

Deuteranomaly
6C7243

Tritanomaly
447B69

Monochromacy



Original Color
3A7F40

Achromatopsia
636363

Achromatomaly
546D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7F40 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 #3A7F40 looks like.

```
.text, #text, p{  
    color:#3A7F40  
}
```

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 #3A7F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7F40
}
```

Border

The CSS property to change the border of an element to Hex 3A7F40 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
#3A7F40 }
```

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

```
.border{ border-color:#3A7F40 }
```

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

Here you see how a box with a 4 pixel #3A7F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7F40; -webkit-box-shadow:4px 4px  
4px 4px #3A7F40; box-shadow:4px 4px 4px  
4px #3A7F40 }
```

Background

The CSS property to change the background color of an element to Hex 3A7F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7F40 }
```

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

```
.background{ background-color:#3A7F40 }
```

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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