

Converting Colors

Hex(307F54)

Have a look what the booklet for
Hex(307F54) contains.

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Color

Hex(307F54)

Conversions

Conversions Part 1

Format	Color
Hex	307F54
RGB	48, 127, 84
RGB Percent	19%, 50%, 33%
CMY	0.8118, 0.5020, 0.6706
CMYK	0.62, 0.00, 0.34, 0.50
HSL	147°, 45%, 34%
HSV	147°, 62%, 50%
XYZ	10.4085, 16.4472, 11.0135
YIQ	98.4770, -33.2810, -30.1210

Conversions

Conversions Part 2

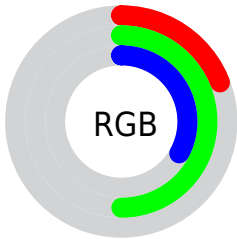
Format	Color
RYB	48, 102, 127
Decimal	3178324
CIELab	47.56, -34.73, 16.39
CIELCh	48, 38.407, 154.735
Yxy	16.4472, 0.2749, 0.4343
Android (android.graphics.Color)	4281368404 (0xFF307F54)
YUV	98.4770, -7.1372, -44.2683
Hunter-Lab	40.5552, -25.1593, 12.2873

Details

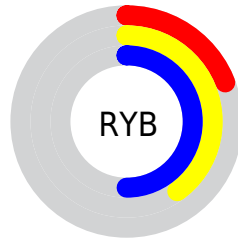
The Hex color **307F54** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7F305B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **66B486**, and **004D26** is the 20% darker color. If you saturate the color by 10%, you get **237F4D**, and if you desaturate by 10%, it is **3D7F5B**.

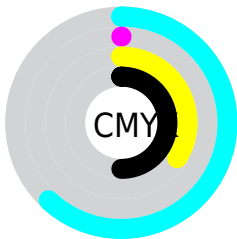
Distribution



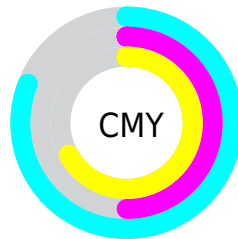
- Red (19%)
- Green (50%)
- Blue (33%)



- Red (19%)
- Yellow (40%)
- Blue (50%)



- Cyan (62%)
- Magenta (0%)
- Yellow (34%)
- Black (50%)



- Cyan (81%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307F54 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 307F54 by changing the saturation by 10% instead.

 307F54

 307F54

FFFFFF

 0F663D

 66B486

 004D26

 81D0A0

 003512

 9DEDDB

 002200

 B9FFD7

 000000

 D5FFF3

 F2FFFF

 307F54

 307F54

 237F4D

 3D7F5B

■ 177F46

■ 497F62

■ 0A7F3F

■ 567F69

■ 007F3A

■ 637F70

■ 707F77

■ 7C7F7D

■ 897F84

■ 967F8B

■ A27F92

Harmonies

Analogous

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



5D7A39



307F54



008175

Triad

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



307F54



4173B1



AA5A4E

Complementary

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



307F54



7F305B

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.



AD556D



307F54



7A66A6

Square

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



307F54



007BAB



9D5A8D



9A6536

Rectangle

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



307F54



00818B



9D5A8D



AD5758

Sweetspot

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



307F54



86A695



5B7F30



41544A



D4D4D4



545454

Same Dimension

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



307F54



29A662



307F7B



39403C



00803A



000000

Inverse Universe

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



7F305B



A6296D



7F3034



40393D



800045



000000

Previews

White Background



This preview shows how the Hex color 307F54 looks on a white background.

Color Contrast Check

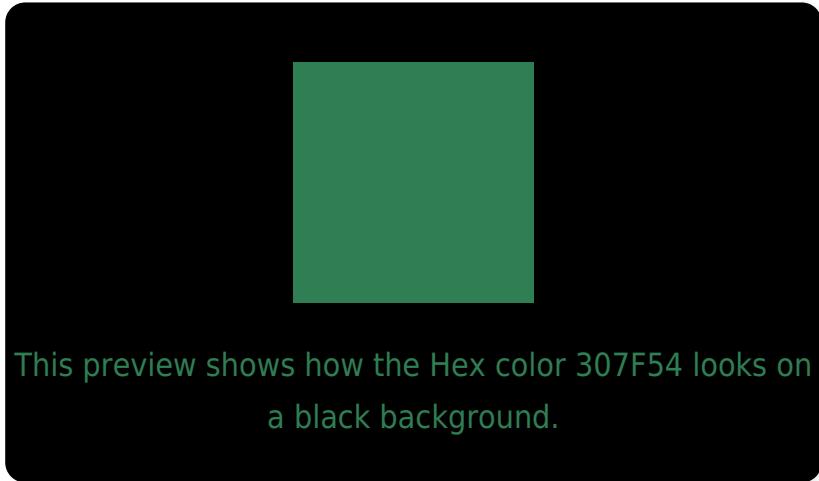
Large Text (above 18pt) WCAG AA ✓ Pass

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 307F54 Background



This preview shows how black text looks on a background with the Hex color 307F54.

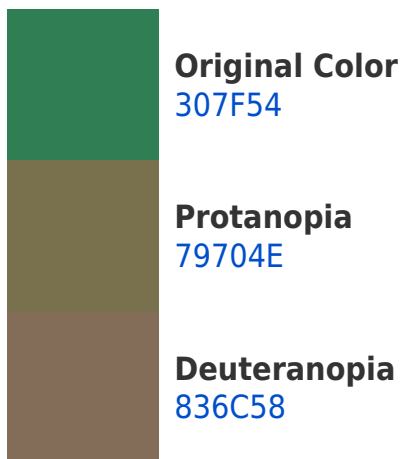


This preview shows how white text looks on a background with the Hex color 307F54.

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





Tritanopia
3F7983

Trichromacy



Original Color
307F54

Protanomaly
5E7550

Deuteranomaly
657357

Tritanomaly
3A7B72

Monochromacy



Original Color
307F54

Achromatopsia
626262

Achromatomaly
506D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 307F54 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 #307F54 looks like.

```
.text, #text, p{  
    color:#307F54  
}
```

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 #307F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307F54
}
```

Border

The CSS property to change the border of an element to Hex 307F54 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
#307F54 }
```

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

```
.border{ border-color:#307F54 }
```

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

Here you see how a box with a 4 pixel #307F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307F54; -webkit-box-shadow:4px 4px  
4px 4px #307F54; box-shadow:4px 4px 4px  
4px #307F54 }
```

Background

The CSS property to change the background color of an element to Hex 307F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307F54 }
```

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

```
.background{ background-color:#307F54 }
```

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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