

Converting Colors

Hex(167A54)

Have a look what the booklet for
Hex(167A54) contains.

Hex(167A54)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(167A54)

Conversions

Conversions Part 1

Format	Color
Hex	167A54
RGB	22, 122, 84
RGB Percent	9%, 48%, 33%
CMY	0.9137, 0.5216, 0.6706
CMYK	0.82, 0.00, 0.31, 0.52
HSL	157°, 69%, 28%
HSV	157°, 82%, 48%
XYZ	8.8906, 14.7297, 10.7620
YIQ	87.7680, -47.4020, -33.0180

Conversions

Conversions Part 2

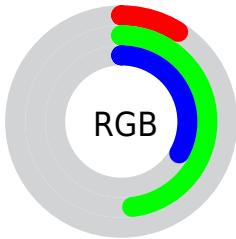
Format	Color
RYB	22, 84, 122
Decimal	1473108
CIELab	45.26, -37.09, 13.15
CIELCh	45, 39.352, 160.475
Yxy	14.7297, 0.2586, 0.4284
Android (android.graphics.Color)	4279663188 (0xFF167A54)
YUV	87.7680, -1.8576, -57.6785
Hunter-Lab	38.3793, -25.8140, 10.2399

Details

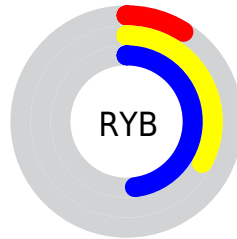
The Hex color **167A54** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A163C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54AF86**, and **004827** is the 20% darker color. If you saturate the color by 10%, you get **0A7A4F**, and if you desaturate by 10%, it is **227A59**.

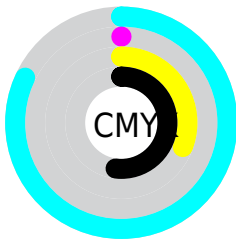
Distribution



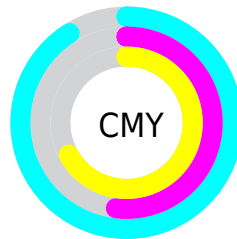
- Red (9%)
- Green (48%)
- Blue (33%)



- Red (9%)
- Yellow (33%)
- Blue (48%)



- Cyan (82%)
- Magenta (0%)
- Yellow (31%)
- Black (52%)



- Cyan (91%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 167A54 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 167A54 by changing the saturation by 10% instead.

 167A54

 167A54

FFFFFF

 00613D

 54AF86

 004827

 70CBA0

 003112

 8CE7BB

 001B00

 A8FFD7

 000000

 C4FFF3

 E2FFFF

 167A54

 167A54

 0A7A4F

 227A59

■ 007A4C

■ 2E7A5D

■ 3B7A62

■ 477A67

■ 537A6B

■ 5F7A70

■ 6B7A74

■ 787A79

■ 847A7E

Harmonies

Analogous

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



4F7537



167A54



007C76

Triad

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



167A54



466BAC



A35642

Complementary

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



167A54



7A163C

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.



A84F61



167A54



7C5E9D

Square

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



167A54



0075A9



9C5282



8F622C

Rectangle

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



167A54



007B8B



9C5282



A6524C

Sweetspot

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



167A54



779E8F



3C7A16



374F46



CFCFCF



4F4F4F

Same Dimension

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



167A54



039E63



166E7A



373D3B



007D4D



00FC9D

Inverse Universe

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



7A163C



9E033E



7A2216



3D3739



7D002F



FC0060

Previews

White Background



This preview shows how the Hex color 167A54 looks on a white background.

Color Contrast Check

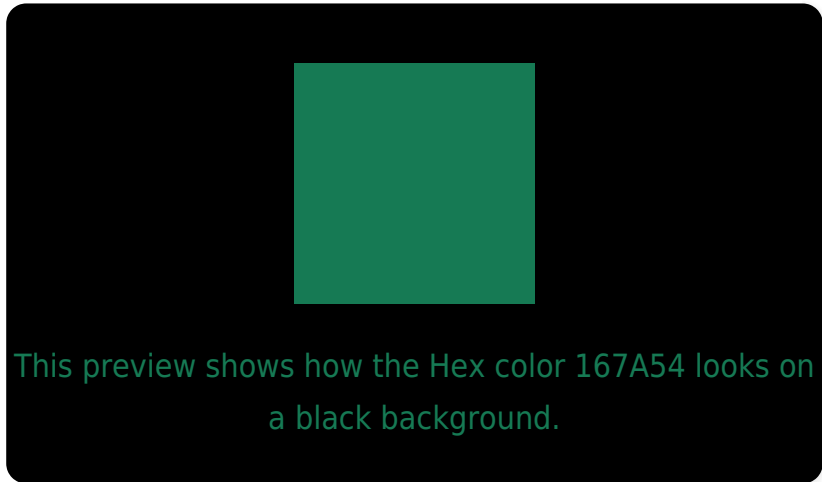
Large Text (above 18pt) WCAG AA ✓ Pass

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

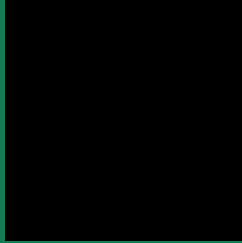
Any Text WCAG AA × Fail

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 167A54 Background



This preview shows how black text looks on a background with the Hex color 167A54.

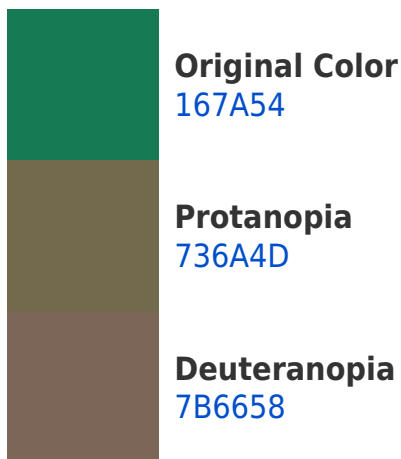


This preview shows how white text looks on a background with the Hex color 167A54.

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
2E757E

Trichromacy



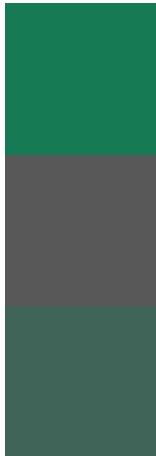
Original Color
167A54

Protanomaly
517050

Deuteranomaly
566D57

Tritanomaly
25776F

Monochromacy



Original Color
167A54

Achromatopsia
585858

Achromatomaly
406457

CSS Examples

Text

The CSS property to change the color of the text to Hex 167A54 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 #167A54 looks like.

```
.text, #text, p{  
    color:#167A54  
}
```

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 #167A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167A54
}
```

Border

The CSS property to change the border of an element to Hex 167A54 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
#167A54 }
```

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

```
.border{ border-color:#167A54 }
```

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

Here you see how a box with a 4 pixel #167A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167A54; -webkit-box-shadow:4px 4px  
4px 4px #167A54; box-shadow:4px 4px 4px  
4px #167A54 }
```

Background

The CSS property to change the background color of an element to Hex 167A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167A54 }
```

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

```
.background{ background-color:#167A54 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor