

Converting Colors

Hex(187A52)

Have a look what the booklet for
Hex(187A52) contains.

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Color

Hex(187A52)

Conversions

Conversions Part 1

Format	Color
Hex	187A52
RGB	24, 122, 82
RGB Percent	9%, 48%, 32%
CMY	0.9059, 0.5216, 0.6784
CMYK	0.80, 0.00, 0.33, 0.52
HSL	156°, 67%, 29%
HSV	156°, 80%, 48%
XYZ	8.8592, 14.7225, 10.3574
YIQ	88.1380, -45.5680, -33.2160

Conversions

Conversions Part 2

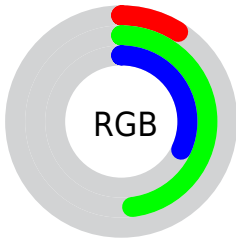
Format	Color
RYB	24, 86, 122
Decimal	1604178
CIELab	45.25, -37.31, 14.31
CIELCh	45, 39.963, 159.020
Yxy	14.7225, 0.2610, 0.4338
Android (android.graphics.Color)	4279794258 (0xFF187A52)
YUV	88.1380, -3.0260, -56.2490
Hunter-Lab	38.3698, -25.9334, 10.8543

Details

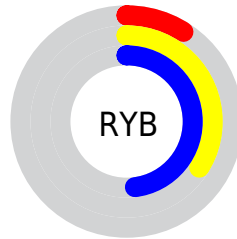
The Hex color **187A52** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A1840**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55AF84**, and **004825** is the 20% darker color. If you saturate the color by 10%, you get **0C7A4D**, and if you desaturate by 10%, it is **247A57**.

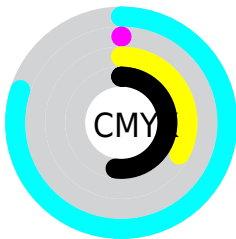
Distribution



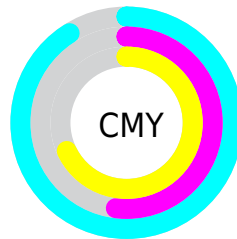
- Red (9%)
- Green (48%)
- Blue (32%)



- Red (9%)
- Yellow (34%)
- Blue (48%)



- Cyan (80%)
- Magenta (0%)
- Yellow (33%)
- Black (52%)



- Cyan (91%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187A52 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 187A52 by changing the saturation by 10% instead.

 187A52

 187A52

FFFFFF

 00613B

 55AF84

 004825

 71CB9E

 003110

 8DE7B9

 001B00

 A9FFD4

 000000

 C5FFF1

 E2FFFF

 187A52

 187A52

 0C7A4D

 247A57

■ 007A48

■ 307A5C

■ 3D7A61

■ 497A66

■ 557A6B

■ 617A70

■ 6D7A75

■ 7A7A7A

■ 867A7F

Harmonies

Analogous

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



517535



187A52



007C74

Triad

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



187A52



416BAD



A45543

Complementary

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



187A52



7A1840

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.



A94E62



187A52



7B5E9F

Square

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



187A52



0075A9



9C5284



91612C

Rectangle

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



187A52



007B8A



9C5284



A7514D

Sweetspot

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



187A52



789E8F



417A18



384F46



CFCFCF



4F4F4F

Same Dimension

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



187A52



069E60



18727A



373D3B



007D4A



00FC95

Inverse Universe

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



7A1840



9E0644



7A2018



3D373A



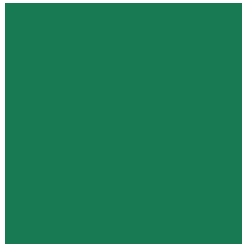
7D0033



FC0067

Previews

White Background



This preview shows how the Hex color 187A52 looks on a white background.

Color Contrast Check

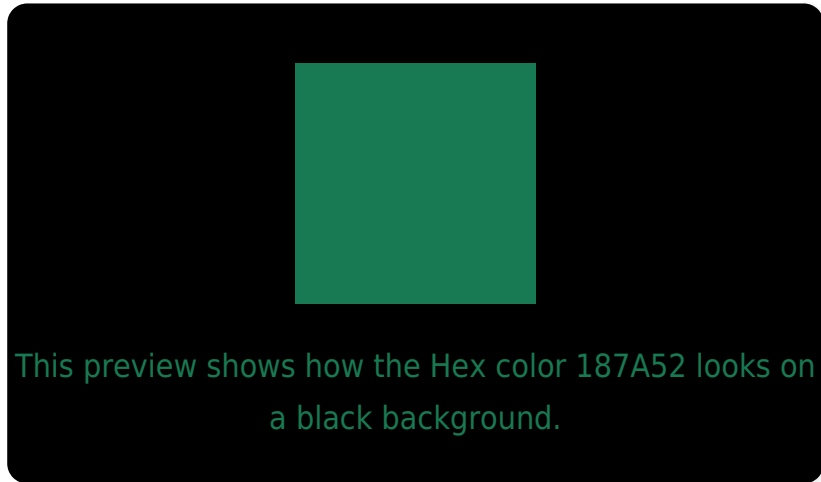
Large Text (above 18pt) WCAG AA ✓ Pass

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

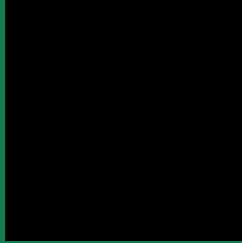
Any Text WCAG AA × Fail

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 187A52 Background



This preview shows how black text looks on a background with the Hex color 187A52.

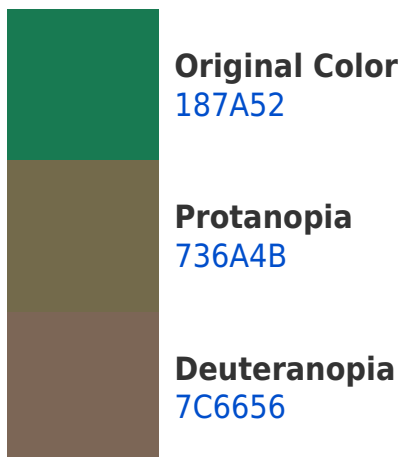


This preview shows how white text looks on a background with the Hex color 187A52.

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
2F757E

Trichromacy



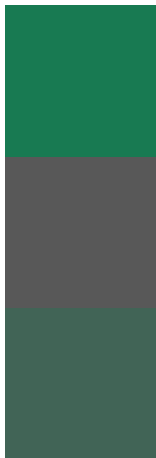
Original Color
187A52

Protanomaly
52704E

Deuteranomaly
586D55

Tritanomaly
27776E

Monochromacy



Original Color
187A52

Achromatopsia
585858

Achromatomaly
416456

CSS Examples

Text

The CSS property to change the color of the text to Hex 187A52 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 #187A52 looks like.

```
.text, #text, p{  
    color:#187A52  
}
```

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 #187A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187A52
}
```

Border

The CSS property to change the border of an element to Hex 187A52 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
#187A52 }
```

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

```
.border{ border-color:#187A52 }
```

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

Here you see how a box with a 4 pixel #187A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187A52; -webkit-box-shadow:4px 4px  
4px 4px #187A52; box-shadow:4px 4px 4px  
4px #187A52 }
```

Background

The CSS property to change the background color of an element to Hex 187A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187A52 }
```

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

```
.background{ background-color:#187A52 }
```

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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