

# Converting Colors

Hex(187D59)

Have a look what the booklet for  
Hex(187D59) contains.

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# Color

Hex(187D59)

# Conversions

## Conversions Part 1

Format	Color
Hex	187D59
RGB	24, 125, 89
RGB Percent	9%, 49%, 35%
CMY	0.9059, 0.5098, 0.6510
CMYK	0.81, 0.00, 0.29, 0.51
HSL	159°, 68%, 29%
HSV	159°, 81%, 49%
XYZ	9.5135, 15.5827, 11.9575
YIQ	90.6970, -48.6400, -32.6080

# Conversions

## Conversions Part 2

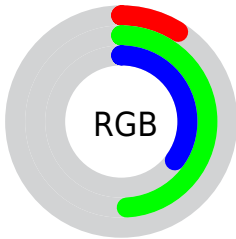
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 85, 125
Decimal	1604953
CIELab	46.42, -36.91, 11.85
CIELCh	46, 38.765, 162.203
Yxy	15.5827, 0.2567, 0.4205
Android (android.graphics.Color)	4279795033 (0xFF187D59)
YUV	90.6970, -0.8366, -58.4933
Hunter-Lab	39.4749, -26.0625, 9.6726

# Details

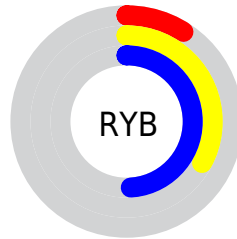
The Hex color **187D59** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7D183C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **56B28B**, and **004B2B** is the 20% darker color. If you saturate the color by 10%, you get **0C7D55**, and if you desaturate by 10%, it is **257D5D**.

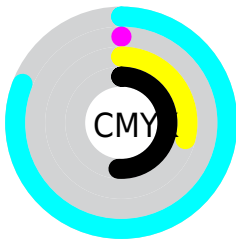
# Distribution



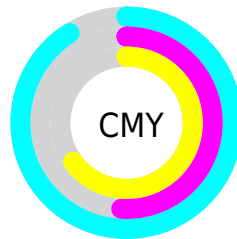
- Red (9%)
- Green (49%)
- Blue (35%)



- Red (9%)
- Yellow (33%)
- Blue (49%)



- Cyan (81%)
- Magenta (0%)
- Yellow (29%)
- Black (51%)



- Cyan (91%)
- Magenta (51%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 187D59 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 187D59 by changing the saturation by 10% instead.



 187D59

 187D59

FFFFFF

 006342

 56B28B

 004B2B

 72CEA5

 003317

 8EEBC1

 001E00

 AAFFDC

 000000

 C7FFF9

 E4FFFF

 187D59

 187D59

 0C7D55

 257D5D

■ 007D50

■ 317D62

■ 3D7D66

■ 4A7D6B

■ 567D6F

■ 637D74

■ 707D78

■ 7C7D7D

■ 897D81

# Harmonies

## Analogous

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



50783C



187D59



007E7B

# Triad

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



187D59



4E6DAD



A55944

# Complementary

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



187D59



7D183C

# 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.



AB5262



187D59



82609E

# Square

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



187D59



0077AB



A05583



91652F

# Rectangle

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



187D59



007E90



A05583



A8564D



# Sweetspot

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



187D59



7CA395



3D7D18



3A5249



D1D1D1



525252



# Same Dimension

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



187D59



05A36B



18707D



39403D



008052



000000



# Inverse Universe

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



7D183C



A3053D



7D2518



40393C



80002D



000000



# Previews

## White Background



This preview shows how the Hex color 187D59 looks on a white background.

## Color Contrast Check

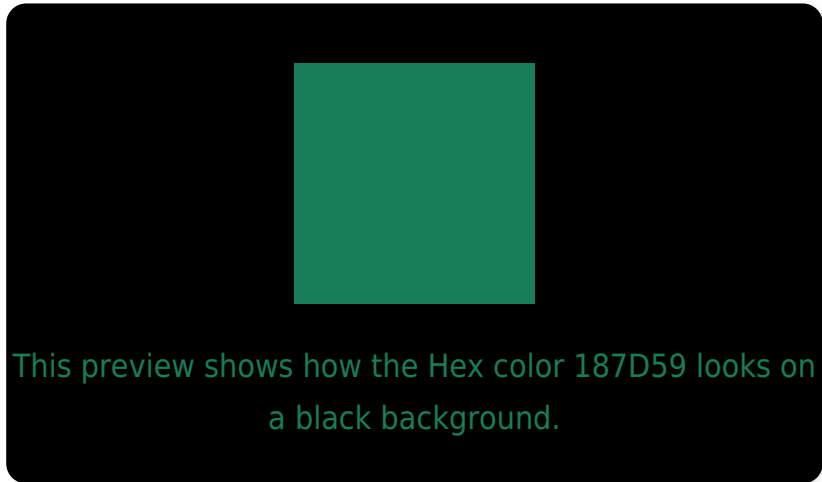
Large Text (above 18pt) WCAG AA ✓ Pass

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

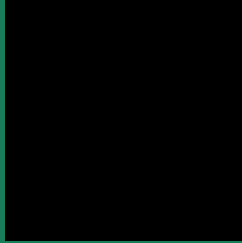
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 187D59 Background



This preview shows how black text looks on a background with the Hex color 187D59.

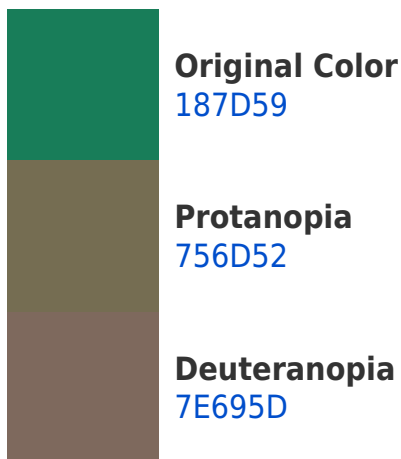


This preview shows how white text looks on a background with the Hex color 187D59.

# 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**  
2F7882

# Trichromacy



**Original Color**  
187D59



**Protanomaly**  
537355



**Deuteranomaly**  
59705C



**Tritanomaly**  
277A73

# Monochromacy



**Original Color**  
187D59



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
43675A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 187D59 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 #187D59 looks like.

```
.text, #text, p{  
    color:#187D59  
}
```

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 #187D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187D59
}
```

## Border

The CSS property to change the border of an element to Hex 187D59 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
#187D59 }
```

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

```
.border{ border-color:#187D59 }
```

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

Here you see how a box with a 4 pixel #187D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187D59; -webkit-box-shadow:4px 4px  
4px 4px #187D59; box-shadow:4px 4px 4px  
4px #187D59 }
```

# Background

The CSS property to change the background color of an element to Hex 187D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187D59 }
```

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

```
.background{ background-color:#187D59 }
```

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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