

# Converting Colors

Hex(187067)

Have a look what the booklet for  
Hex(187067) contains.

<b>Hex(187067)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(187067)

# Conversions

## Conversions Part 1

Format	Color
Hex	187067
RGB	24, 112, 103
RGB Percent	9%, 44%, 40%
CMY	0.9059, 0.5608, 0.5961
CMYK	0.79, 0.00, 0.08, 0.56
HSL	174°, 65%, 27%
HSV	174°, 79%, 44%
XYZ	8.6190, 12.7618, 14.8410
YIQ	84.6620, -49.5590, -21.4550

# Conversions

## Conversions Part 2

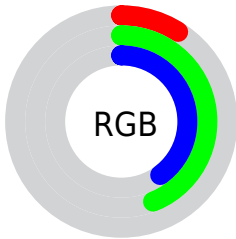
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 70, 112
Decimal	1601639
CIE <sub>Lab</sub>	42.40, -27.10, -2.23
CIE <sub>LCh</sub>	42, 27.191, 184.713
Yxy	12.7618, 0.2380, 0.3523
Android (android.graphics.Color)	4279791719 (0xFF187067)
YUV	84.6620, 9.0406, -53.2006
Hunter-Lab	35.7237, -19.4498, 0.3753

# Details

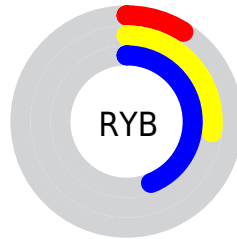
The Hex color **187067** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **701821**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **54A49A**, and **003F38** is the 20% darker color. If you saturate the color by 10%, you get **0D7066**, and if you desaturate by 10%, it is **237068**.

# Distribution



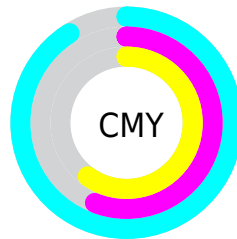
- Red (9%)
- Green (44%)
- Blue (40%)



- Red (9%)
- Yellow (27%)
- Blue (44%)



- Cyan (79%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (91%)
- Magenta (56%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 187067 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 187067 by changing the saturation by 10% instead.



 187067

 187067

FFFFFF

 00574F

 54A49A

 003F38

 70C0B5

 002923

 8BDCD0

 00100D

 A7F8ED

 000000

 C4FFFF

 E1FFFF

 FEFFFF

 187067

 187067

■ 0D7066

■ 237068

■ 027065

■ 2E7069

■ 007065

■ 3A706A

■ 45706C

■ 50706D

■ 5B706E

■ 66706F

■ 727070

■ 7D7071

# Harmonies

## Analogous

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



3C6E50



187067



006F7D

# Triad

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



187067



6B5D89



825C3C

# Complementary

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



187067



701821

# 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.



8E554C



187067



835678

# Square

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



187067



496591



8F5261



6F6437

# Rectangle

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



187067



066D88



8F5261



875A40



# Sweetspot

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



187067



6E918E



227018



354A48



C9C9C9



4A4A4A



# Same Dimension

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



187067



099183



184E70



323838



00786C



00F7DE



# Inverse Universe

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



701821



910917



703A18



383233



78000C



F70019



# Previews

## White Background



This preview shows how the Hex color 187067 looks on a white background.

## Color Contrast Check

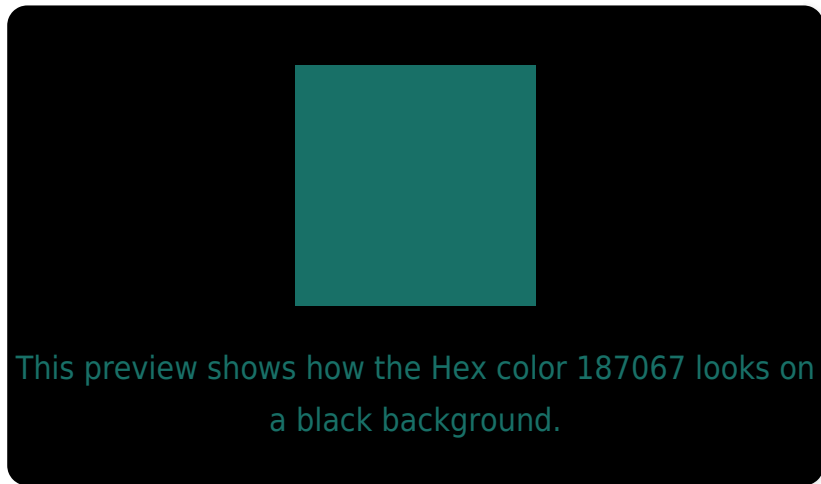
Large Text (above 18pt) WCAG AA ✓ Pass

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

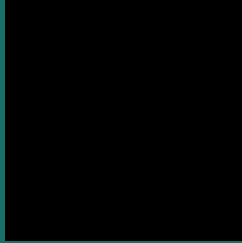
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 187067 Background



This preview shows how black text looks on a background with the Hex color 187067.

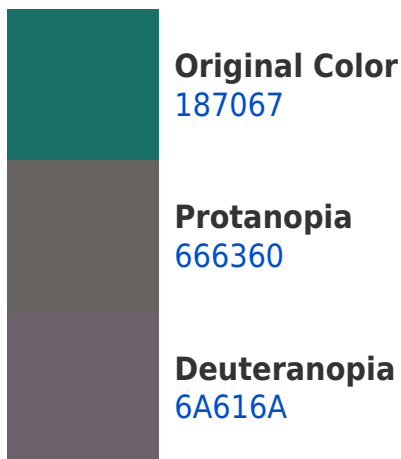


This preview shows how white text looks on a background with the Hex color 187067.

# 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**  
236E77

# Trichromacy



**Original Color**  
187067

**Protanomaly**  
4A6863

**Deuteranomaly**  
4C6669

**Tritanomaly**  
1F6F71

# Monochromacy



**Original Color**  
187067

**Achromatopsia**  
555555

**Achromatomaly**  
3F5F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 187067 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 #187067 looks like.

```
.text, #text, p{  
    color:#187067  
}
```

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 #187067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187067
}
```

## Border

The CSS property to change the border of an element to Hex 187067 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
#187067 }
```

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

```
.border{ border-color:#187067 }
```

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

Here you see how a box with a 4 pixel #187067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187067; -webkit-box-shadow:4px 4px  
4px 4px #187067; box-shadow:4px 4px 4px  
4px #187067 }
```

# Background

The CSS property to change the background color of an element to Hex 187067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187067 }
```

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

```
.background{ background-color:#187067 }
```

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