

Converting Colors

Hex(186167)

Have a look what the booklet for
Hex(186167) contains.

Hex(186167)	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(186167)

Conversions

Conversions Part 1

Format	Color
Hex	186167
RGB	24, 97, 103
RGB Percent	9%, 38%, 40%
CMY	0.9059, 0.6196, 0.5961
CMYK	0.77, 0.06, 0.00, 0.60
HSL	185°, 62%, 25%
HSV	185°, 77%, 40%
XYZ	7.0996, 9.7229, 14.3345
YIQ	75.8570, -45.4340, -13.6100

Conversions

Conversions Part 2

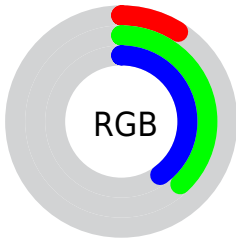
Format	Color
RYB	24, 62, 103
Decimal	1597799
CIELab	37.34, -19.34, -9.78
CIELCh	37, 21.673, 206.814
Yxy	9.7229, 0.2279, 0.3121
Android (android.graphics.Color)	4279787879 (0xFF186167)
YUV	75.8570, 13.3815, -45.4786
Hunter-Lab	31.1815, -13.9258, -5.4292

Details

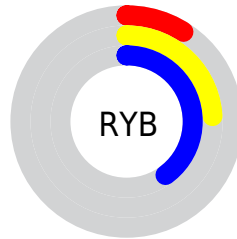
The Hex color **186167** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **671E18**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **52949A**, and **003238** is the 20% darker color. If you saturate the color by 10%, you get **0E6067**, and if you desaturate by 10%, it is **226267**.

Distribution



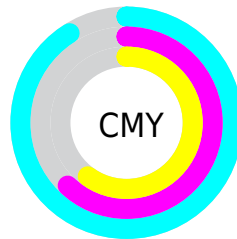
- Red (9%)
- Green (38%)
- Blue (40%)



- Red (9%)
- Yellow (24%)
- Blue (40%)



- Cyan (77%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186167 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 186167 by changing the saturation by 10% instead.

 186167

 186167

FFFFFF

 00494F

 52949A

 003238

 6DAFB5

 001E23

 88CAD0

 00000C

 A4E6ED

 000000

 C0FFFF

 DCFFFF

 FAFFFF

 186167

 186167

■ 0E6067

■ 226267

■ 035F67

■ 2D6367

■ 005F67

■ 376367

■ 416467

■ 4C6567

■ 566667

■ 606667

■ 6A6767

■ 756867

Harmonies

Analogous

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



296155



186167



215F75

Triad

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



186167



6C4E6B



655635

Complementary

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



186167



671E18

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.



73503B



186167



784B5A

Square

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



186167



575477



7A4C49



535C38

Rectangle

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



186167



335C7A



7A4C49



6B5436

Sweetspot

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



186167



688587



18671D



324345



C4C4C4



454545

Same Dimension

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



186167



0B7E87



183A67



2E3333



006A73



00E0F2

Inverse Universe

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



671861



870B7E



674518



332E33



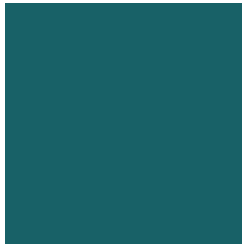
73006A



F200E0

Previews

White Background



This preview shows how the Hex color 186167 looks on a white background.

Color Contrast Check

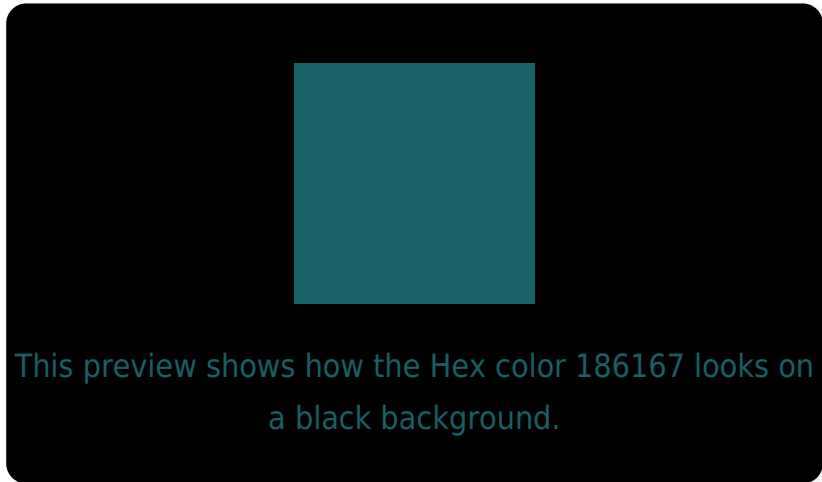
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

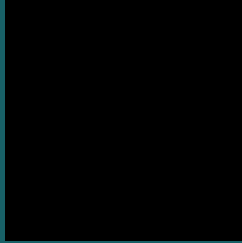
Any Text WCAG AA × Fail

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 186167 Background



This preview shows how black text looks on a background with the Hex color 186167.

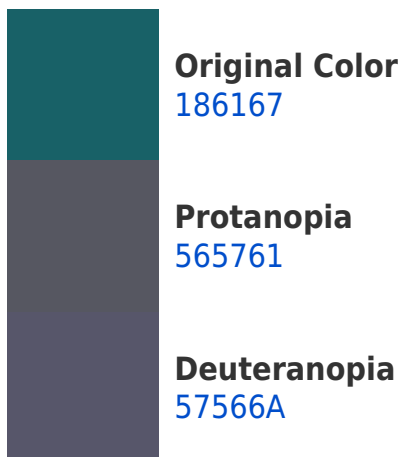


This preview shows how white text looks on a background with the Hex color 186167.

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](#).

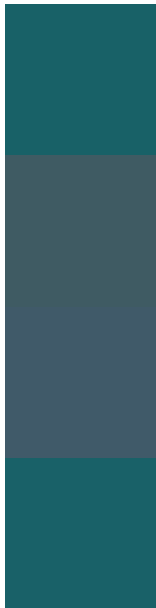
Dichromacy





Tritanopia
196169

Trichromacy



Original Color
186167

Protanomaly
3F5B63

Deuteranomaly
405A69

Tritanomaly
196168

Monochromacy



Original Color
186167

Achromatopsia
4C4C4C

Achromatomaly
395456

CSS Examples

Text

The CSS property to change the color of the text to Hex 186167 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 #186167 looks like.

```
.text, #text, p{  
    color:#186167  
}
```

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 #186167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186167
}
```

Border

The CSS property to change the border of an element to Hex 186167 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
#186167 }
```

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

```
.border{ border-color:#186167 }
```

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

Here you see how a box with a 4 pixel #186167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186167; -webkit-box-shadow:4px 4px  
4px 4px #186167; box-shadow:4px 4px 4px  
4px #186167 }
```

Background

The CSS property to change the background color of an element to Hex 186167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186167 }
```

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

```
.background{ background-color:#186167 }
```

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