

Converting Colors

Hex(187E5E)

Have a look what the booklet for
Hex(187E5E) contains.

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Color

Hex(187E5E)

Conversions

Conversions Part 1

Format	Color
Hex	187E5E
RGB	24, 126, 94
RGB Percent	9%, 49%, 37%
CMY	0.9059, 0.5059, 0.6314
CMYK	0.81, 0.00, 0.25, 0.51
HSL	161°, 68%, 29%
HSV	161°, 81%, 49%
XYZ	9.8579, 15.9241, 13.1438
YIQ	91.8540, -50.5200, -31.5760

Conversions

Conversions Part 2

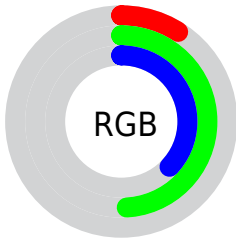
Format	Color
R_{YB}	24, 84, 126
Decimal	1605214
CIE Lab	46.87, -36.09, 9.56
CIE LCh	47, 37.337, 165.163
Yxy	15.9241, 0.2532, 0.4091
Android (android.graphics.Color)	4279795294 (0xFF187E5E)
YUV	91.8540, 1.0580, -59.5080
Hunter-Lab	39.9050, -25.7379, 8.4047

Details

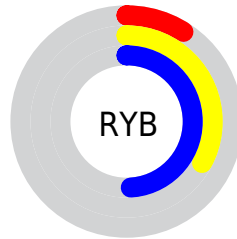
The Hex color **187E5E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E1838**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **57B390**, and **004C30** is the 20% darker color. If you saturate the color by 10%, you get **0B7E5A**, and if you desaturate by 10%, it is **257E62**.

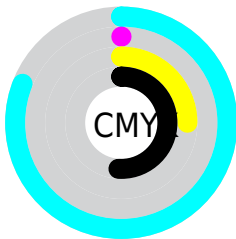
Distribution



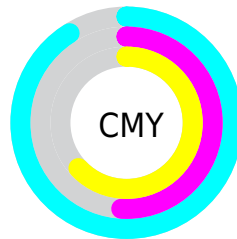
- Red (9%)
- Green (49%)
- Blue (37%)



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



- Cyan (81%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (91%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187E5E 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 187E5E by changing the saturation by 10% instead.

 187E5E

 187E5E

FFFFFF

 006446

 57B390

 004C30

 73CFAB

 00341B

 8EECC6

 002000

 ABFFE2

 000000

 C7FFFF

 E5FFFF

 187E5E

 187E5E

 0B7E5A

 257E62

■ 007E56

■ 317E66

■ 3E7E6A

■ 4A7E6E

■ 577E72

■ 647E76

■ 707E7A

■ 7D7E7E

■ 897E82

Harmonies

Analogous

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



4F7A41



187E5E



007F7E

Triad

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



187E5E



576DAC



A35C44

Complementary

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



187E5E



7E1838

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.



AA5560



187E5E



86619C

Square

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



187E5E



0077AB



A15780



8F6831

Rectangle

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



187E5E



007E92



A15780



A7594D

Sweetspot

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



187E5E



7CA397



387E18



3A524A



D1D1D1



525252

Same Dimension

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



187E5E



05A372



186B7E



39403E



008058



000000

Inverse Universe

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



7E1838



A30537



7E2B18



40393B



800028



000000

Previews

White Background



This preview shows how the Hex color 187E5E looks on a white background.

Color Contrast Check

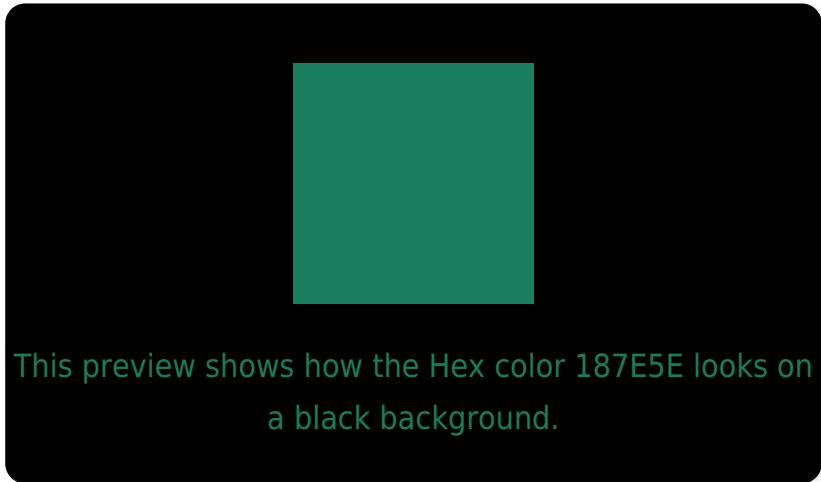
Large Text (above 18pt) WCAG AA ✓ Pass

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

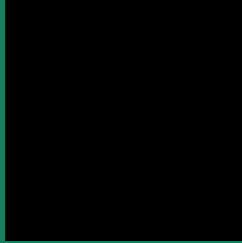
Any Text WCAG AA × Fail

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 187E5E Background



This preview shows how black text looks on a background with the Hex color 187E5E.

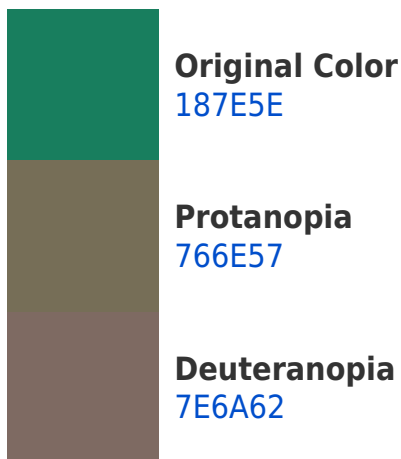


This preview shows how white text looks on a background with the Hex color 187E5E.

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
2E7983

Trichromacy



Original Color
187E5E



Protanomaly
54745A



Deuteranomaly
597161



Tritanomaly
267B76

Monochromacy



Original Color
187E5E



Achromatopsia
5C5C5C



Achromatomaly
43685D

CSS Examples

Text

The CSS property to change the color of the text to Hex 187E5E 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 #187E5E looks like.

```
.text, #text, p{  
    color:#187E5E  
}
```

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 #187E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187E5E
}
```

Border

The CSS property to change the border of an element to Hex 187E5E 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
#187E5E }
```

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

```
.border{ border-color:#187E5E }
```

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

Here you see how a box with a 4 pixel #187E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187E5E; -webkit-box-shadow:4px 4px  
4px 4px #187E5E; box-shadow:4px 4px 4px  
4px #187E5E }
```

Background

The CSS property to change the background color of an element to Hex 187E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187E5E }
```

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

```
.background{ background-color:#187E5E }
```

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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