

Converting Colors

Hex(17815E)

Have a look what the booklet for
Hex(17815E) contains.

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Color

Hex(17815E)

Conversions

Conversions Part 1

Format	Color
Hex	17815E
RGB	23, 129, 94
RGB Percent	9%, 51%, 37%
CMY	0.9098, 0.4941, 0.6314
CMYK	0.82, 0.00, 0.27, 0.49
HSL	160°, 70%, 30%
HSV	160°, 82%, 51%
XYZ	10.2240, 16.6908, 13.2725
YIQ	93.3160, -51.9410, -33.3570

Conversions

Conversions Part 2

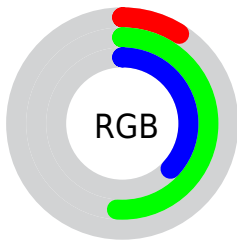
Format	Color
R_{YB}	23, 86, 129
Decimal	1540446
CIE _{Lab}	47.87, -37.50, 10.95
CIE _{LCh}	48, 39.068, 163.720
Yxy	16.6908, 0.2544, 0.4153
Android (android.graphics.Color)	4279730526 (0xFF17815E)
YUV	93.3160, 0.3372, -61.6671
Hunter-Lab	40.8544, -26.8248, 9.3364

Details

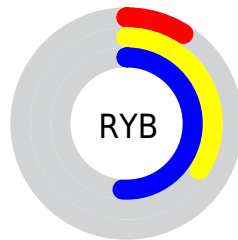
The Hex color **17815E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81173A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **57B790**, and **004F30** is the 20% darker color. If you saturate the color by 10%, you get **0A815A**, and if you desaturate by 10%, it is **248162**.

Distribution



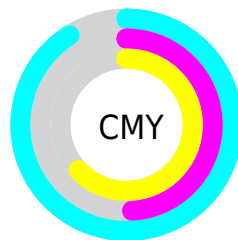
- Red (9%)
- Green (51%)
- Blue (37%)



- Red (9%)
- Yellow (34%)
- Blue (51%)



- Cyan (82%)
- Magenta (0%)
- Yellow (27%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17815E 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 17815E by changing the saturation by 10% instead.

 17815E

 17815E

FFFFFF

 006746

 57B790

 004F30

 73D3AB

 00371B

 8FEFC6

 002301

 ABFFE2

 000000

 C8FFFF

 E5FFFF

 17815E

 17815E

 0A815A

 248162

■ 008156

■ 318167

■ 3E816B

■ 4B816F

■ 588173

■ 648178

■ 71817C

■ 7E8180

■ 8B8184

Harmonies

Analogous

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



527D40



17815E



008280

Triad

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



17815E



5570B2



A85D46

Complementary

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



17815E



81173A

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.



AF5664



17815E



8863A1

Square

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



17815E



007AB0



A55885



946931

Rectangle

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



17815E



008195



A55885



AC5A4F

Sweetspot

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



17815E



7EA89A



3A8117



3B544C



D4D4D4



545454

Same Dimension

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



17815E



02A871



176F81



39403E



008055



000000

Inverse Universe

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



81173A



A80239



812917



40393B



80002A



000000

Previews

White Background



This preview shows how the Hex color 17815E looks on a white background.

Color Contrast Check

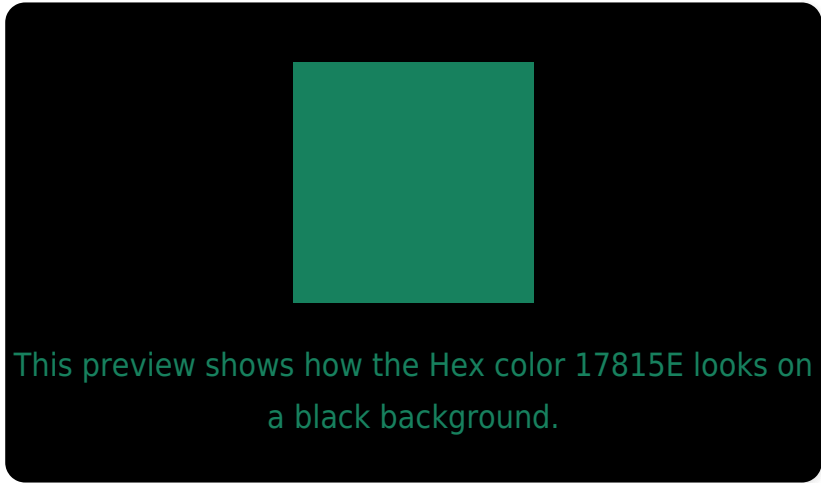
Large Text (above 18pt) WCAG AA ✓ Pass

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

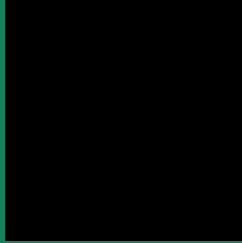
Any Text WCAG AA × Fail

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 17815E Background



This preview shows how black text looks on a background with the Hex color 17815E.



This preview shows how white text looks on a background with the Hex color 17815E.

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



Original Color
17815E

Protanopia
797156

Deuteranopia
816D62



Tritanopia
2F7C86

Trichromacy



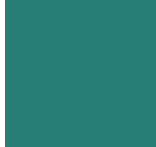
Original Color
17815E



Protanomaly
557759



Deuteranomaly
5A7461



Tritanomaly
267E77

Monochromacy



Original Color
17815E



Achromatopsia
5D5D5D



Achromatomaly
446A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 17815E 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 #17815E looks like.

```
.text, #text, p{  
    color:#17815E  
}
```

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 #17815E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17815E
}
```

Border

The CSS property to change the border of an element to Hex 17815E 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
#17815E }
```

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

```
.border{ border-color:#17815E }
```

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

Here you see how a box with a 4 pixel #17815E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17815E; -webkit-box-shadow:4px 4px  
4px 4px #17815E; box-shadow:4px 4px 4px  
4px #17815E }
```

Background

The CSS property to change the background color of an element to Hex 17815E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17815E }
```

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

```
.background{ background-color:#17815E }
```

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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