

# Converting Colors

Hex(15967B)

Have a look what the booklet for  
Hex(15967B) contains.

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**Color**

**Hex(15967B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15967B
RGB	21, 150, 123
RGB Percent	8%, 59%, 48%
CMY	0.9176, 0.4118, 0.5176
CMYK	0.86, 0.00, 0.18, 0.41
HSL	167°, 75%, 34%
HSV	167°, 86%, 59%
XYZ	14.7908, 23.4022, 22.4764
YIQ	108.3510, -68.2170, -35.7450

# Conversions

## Conversions Part 2

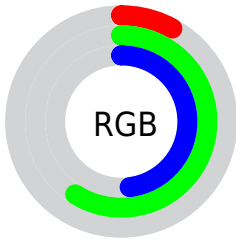
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 93, 150
Decimal	1414779
CIE <sub>Lab</sub>	55.48, -39.18, 5.05
CIE <sub>LCh</sub>	55, 39.506, 172.659
Yxy	23.4022, 0.2438, 0.3857
Android (android.graphics.Color)	4279604859 (0xFF15967B)
YUV	108.3510, 7.2220, -76.6068
Hunter-Lab	48.3758, -30.0818, 6.3157

# Details

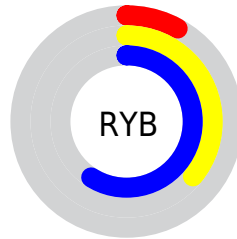
The Hex color **15967B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **961530**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5CCDAF**, and **00624A** is the 20% darker color. If you saturate the color by 10%, you get **069678**, and if you desaturate by 10%, it is **24967E**.

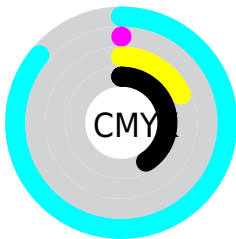
# Distribution



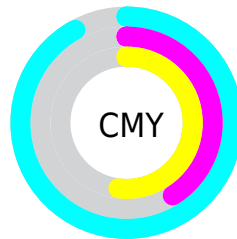
- Red (8%)
- Green (59%)
- Blue (48%)



- Red (8%)
- Yellow (36%)
- Blue (59%)



- Cyan (86%)
- Magenta (0%)
- Yellow (18%)
- Black (41%)



- Cyan (92%)
- Magenta (41%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15967B 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 15967B by changing the saturation by 10% instead.



 15967B

 15967B

FFFFFF

 007C62

 5CCDAF

 00624A

 7AE9CB

 004934


 97FFE7

 00321F

 B4FFF

 001C07

 D1FFF

 000000

 EFFFF

 15967B

 15967B

 069678

 24967E

■ 009677

■ 339681

■ 429684

■ 519688

■ 60968B

■ 6F968E

■ 7E9691

■ 8D9694

■ 9C9697

# Harmonies

## Analogous

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



57925A



15967B



00969E

# Triad

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



15967B



7B7FC4



BA7450

# Complementary

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



15967B



961530

# 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.



C66A6C



15967B



A772AF

# Square

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



15967B



358BC8



C0698F



A18040

# Rectangle

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



15967B



0094B2



C0698F



BF7058



# Sweetspot

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



15967B



8FC2B7



319615



43615B



E0E0E0



616161



# Same Dimension

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



15967B



00C299



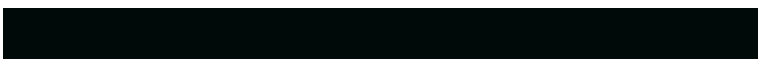
157196



434A48



008A6D



000A08



# Inverse Universe

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



961530



C20029



963A15



4A4344



8A001D



0A0002



# Previews

## White Background



This preview shows how the Hex color 15967B looks on a white 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

# Black Background



This preview shows how the Hex color 15967B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

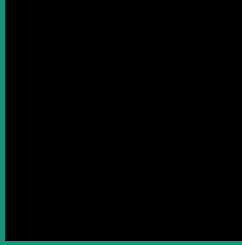
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 15967B Background



This preview shows how black text looks on a background with the Hex color 15967B.

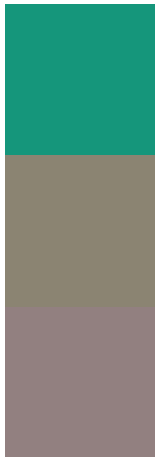


This preview shows how white text looks on a background with the Hex color 15967B.

# 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**  
15967B

**Protanopia**  
8B8472

**Deuteranopia**  
928080



**Tritanopia**  
30919D

# Trichromacy



**Original Color**  
15967B



**Protanomaly**  
608B75



**Deuteranomaly**  
65887E



**Tritanomaly**  
269391

# Monochromacy



**Original Color**  
15967B



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
4C7B71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15967B 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 #15967B looks like.

```
.text, #text, p{  
    color:#15967B  
}
```

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 #15967B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15967B
}
```

## Border

The CSS property to change the border of an element to Hex 15967B 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
#15967B }
```

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

```
.border{ border-color:#15967B }
```

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

Here you see how a box with a 4 pixel #15967B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15967B; -webkit-box-shadow:4px 4px  
4px 4px #15967B; box-shadow:4px 4px 4px  
4px #15967B }
```

# Background

The CSS property to change the background color of an element to Hex 15967B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15967B }
```

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

```
.background{ background-color:#15967B }
```

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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