

Converting Colors

Hex(19755A)

Have a look what the booklet for
Hex(19755A) contains.

Hex(19755A)	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(19755A)

Conversions

Conversions Part 1

Format	Color
Hex	19755A
RGB	25, 117, 90
RGB Percent	10%, 46%, 35%
CMY	0.9020, 0.5412, 0.6471
CMYK	0.79, 0.00, 0.23, 0.54
HSL	162°, 65%, 28%
HSV	162°, 79%, 46%
XYZ	8.6077, 13.6674, 11.8573
YIQ	86.4140, -46.1650, -27.9010

Conversions

Conversions Part 2

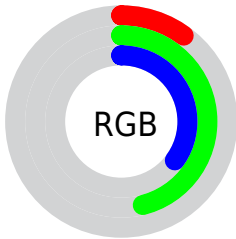
Format	Color
RYB	25, 79, 117
Decimal	1668442
CIELab	43.75, -33.02, 7.51
CIElCh	44, 33.861, 167.180
Yxy	13.6674, 0.2522, 0.4004
Android (android.graphics.Color)	4279858522 (0xFF19755A)
YUV	86.4140, 1.7679, -53.8601
Hunter-Lab	36.9695, -23.1362, 6.8625

Details

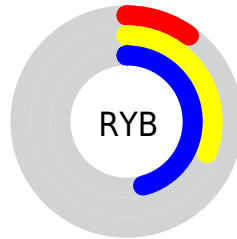
The Hex color **19755A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **751934**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **55AA8C**, and **00442C** is the 20% darker color. If you saturate the color by 10%, you get **0D7557**, and if you desaturate by 10%, it is **25755D**.

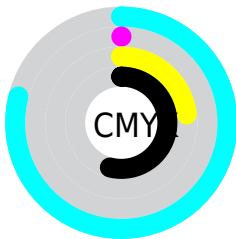
Distribution



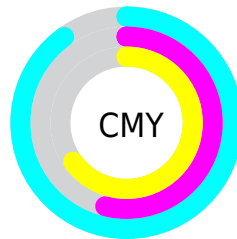
- Red (10%)
- Green (46%)
- Blue (35%)



- Red (10%)
- Yellow (31%)
- Blue (46%)



- Cyan (79%)
- Magenta (0%)
- Yellow (23%)
- Black (54%)



- Cyan (90%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19755A 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 19755A by changing the saturation by 10% instead.

 19755A

 19755A

FFFFFF

 005C43

 55AA8C

 00442C

 70C5A6

 002D18

 8CE2C2

 001600

 A8FEDD

 000000

 C4FFFA

 E1FFFF

 19755A

 19755A

 0D7557

 25755D

■ 027553

■ 307561

■ 007553

■ 3C7564

■ 487568

■ 53756B

■ 5F756F

■ 6B7572

■ 777575

■ 827579

Harmonies

Analogous

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



487140



19755A



007677

Triad

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



19755A



56659D



95573F

Complementary

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



19755A



751934

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.



9D5158



19755A



7E5A8E

Square

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



19755A



0E6E9E



965175



836230

Rectangle

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



19755A



007589



965175



995547

Sweetspot

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



19755A



74998E



357519



364D46



CCCCCC



4D4D4D

Same Dimension

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



19755A



09996F



196375



353B39



007A56



00FAB1

Inverse Universe

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



751934



990933



752B19



3B3537



7A0024



FA0049

Previews

White Background



This preview shows how the Hex color 19755A looks on a white background.

Color Contrast Check

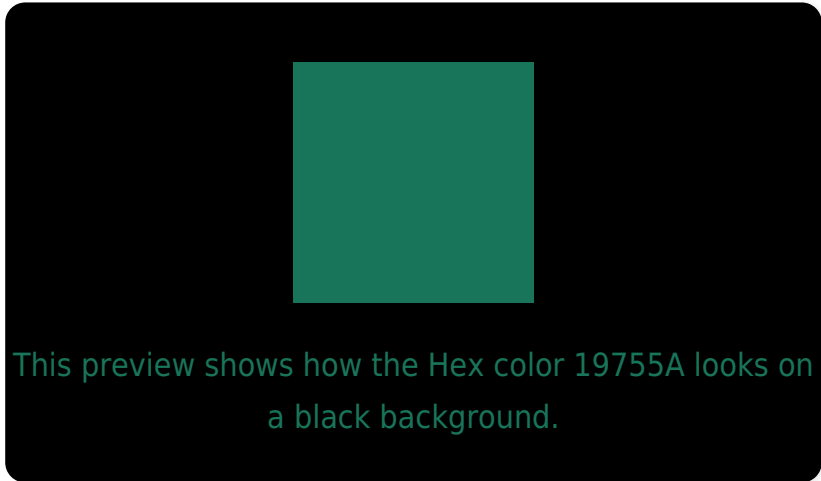
Large Text (above 18pt) WCAG AA ✓ Pass

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

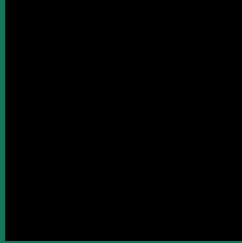
Any Text WCAG AA × Fail

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 19755A Background



This preview shows how black text looks on a background with the Hex color 19755A.



This preview shows how white text looks on a background with the Hex color 19755A.

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
19755A

Protanopia
6D6753

Deuteranopia
74635E



Tritanopia
2B717A

Trichromacy



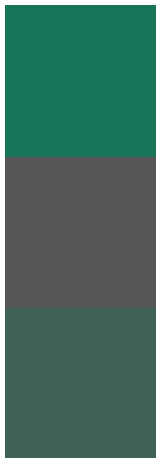
Original Color
19755A

Protanomaly
4E6C56

Deuteranomaly
536A5D

Tritanomaly
24726E

Monochromacy



Original Color
19755A

Achromatopsia
565656

Achromatomaly
406157

CSS Examples

Text

The CSS property to change the color of the text to Hex 19755A 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 #19755A looks like.

```
.text, #text, p{  
    color:#19755A  
}
```

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 #19755A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19755A
}
```

Border

The CSS property to change the border of an element to Hex 19755A 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
#19755A }
```

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

```
.border{ border-color:#19755A }
```

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

Here you see how a box with a 4 pixel #19755A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19755A; -webkit-box-shadow:4px 4px  
4px 4px #19755A; box-shadow:4px 4px 4px  
4px #19755A }
```

Background

The CSS property to change the background color of an element to Hex 19755A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19755A }
```

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

```
.background{ background-color:#19755A }
```

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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