

# Converting Colors

Hex(195E4B)

Have a look what the booklet for  
Hex(195E4B) contains.

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# Color

**Hex(195E4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	195E4B
RGB	25, 94, 75
RGB Percent	10%, 37%, 29%
CMY	0.9020, 0.6314, 0.7059
CMYK	0.73, 0.00, 0.20, 0.63
HSL	163°, 58%, 23%
HSV	163°, 73%, 37%
XYZ	5.6736, 8.7201, 8.0407
YIQ	71.2030, -35.0250, -20.5370

# Conversions

## Conversions Part 2

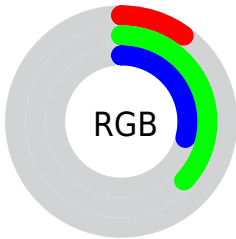
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 65, 94
Decimal	1662539
CIELab	35.44, -26.31, 4.78
CIELCh	35, 26.745, 169.704
Yxy	8.7201, 0.2529, 0.3887
Android (android.graphics.Color)	4279852619 (0xFF195E4B)
YUV	71.2030, 1.8719, -40.5200
Hunter-Lab	29.5298, -17.3816, 4.5267




# Details

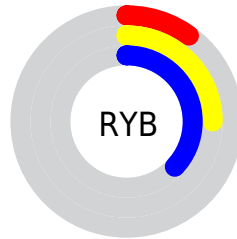
The Hex color **195E4B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E192C**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **4F917C**, and **002F1F** is the 20% darker color. If you saturate the color by 10%, you get **105E48**, and if you desaturate by 10%, it is **225E4E**.

# Distribution







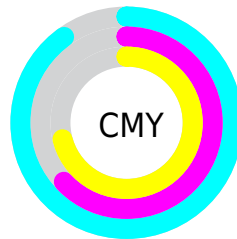
-  Red (10%)
-  Green (37%)
-  Blue (29%)






-  Red (10%)
-  Yellow (25%)
-  Blue (37%)



-  Cyan (73%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (63%)



-  Cyan (90%)
-  Magenta (63%)
-  Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 195E4B 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 195E4B by changing the saturation by 10% instead.



 195E4B

 195E4B

FFFFFF

 004634

 4F917C

 002F1F

 69AC96

 001C07

 84C7B0

 000000

 9FE3CC

 BBFFE8

 D7FFFF

 F4FFFF

 195E4B

 195E4B

■ 105E48

■ 225E4E

■ 065E46

■ 2C5E50

■ 005E44

■ 355E53

■ 3F5E55

■ 485E58

■ 515E5B

■ 5B5E5D

■ 645E60

■ 6E5E62

# Harmonies

## Analogous

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



3A5B37



195E4B



005E61

# Triad

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



195E4B



4A517C



764834

# Complementary

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



195E4B



5E192C

# 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.



7C4346



195E4B



67496F

# Square

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



195E4B



20587D



78435C



675029

# Rectangle

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



195E4B



005D6E



78435C



794639



# Sweetspot

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



195E4B



5F7A73



2D5E19



2D3D39



BDBDBD



3D3D3D



# Same Dimension

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



195E4B



0F7A5D



194F5E



292E2D



006E4F



00EDAC



# Inverse Universe

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



5E192C



7A0F2C



5E2819



2E292B



6E001E

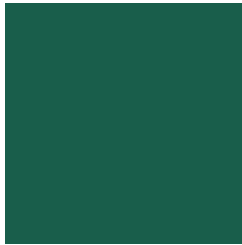


ED0041



# Previews

## White Background



This preview shows how the Hex color 195E4B looks on a white background.

## Color Contrast Check

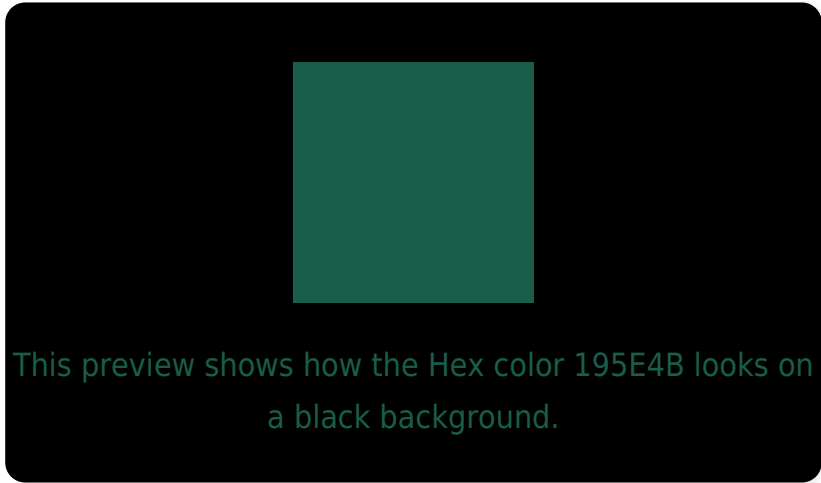
Large Text (above 18pt) WCAG AA ✓ Pass

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

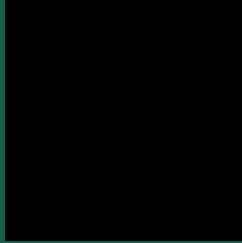
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 195E4B Background



This preview shows how black text looks on a background with the Hex color 195E4B.

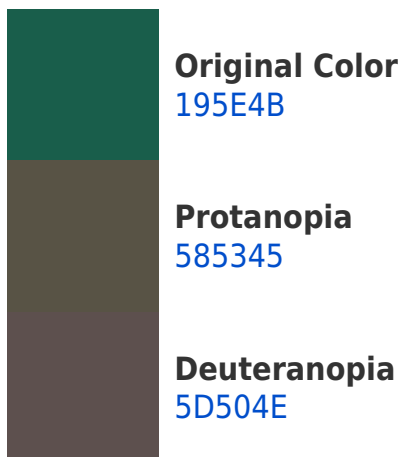


This preview shows how white text looks on a background with the Hex color 195E4B.

# 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**  
255B62

# Trichromacy



**Original Color**  
195E4B

**Protanomaly**  
415747

**Deuteranomaly**  
44554D

**Tritanomaly**  
215C5A

# Monochromacy



**Original Color**  
195E4B

**Achromatopsia**  
474747

**Achromatomaly**  
364F48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 195E4B 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 #195E4B looks like.

```
.text, #text, p{  
    color:#195E4B  
}
```

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 #195E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195E4B  
}
```

## Border

The CSS property to change the border of an element to Hex 195E4B 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  
#195E4B }
```

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

```
.border{ border-color:#195E4B }
```

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

Here you see how a box with a 4 pixel #195E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195E4B; -webkit-box-shadow:4px 4px  
4px 4px #195E4B; box-shadow:4px 4px 4px  
4px #195E4B }
```

# Background

The CSS property to change the background color of an element to Hex 195E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195E4B }
```

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

```
.background{ background-color:#195E4B }
```

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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