

Converting Colors

Hex(195854)

Have a look what the booklet for
Hex(195854) contains.

Hex(195854)	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(195854)

Conversions

Conversions Part 1

Format	Color
Hex	195854
RGB	25, 88, 84
RGB Percent	10%, 35%, 33%
CMY	0.9020, 0.6549, 0.6706
CMYK	0.72, 0.00, 0.05, 0.65
HSL	176°, 56%, 22%
HSV	176°, 72%, 35%
XYZ	5.4909, 7.8262, 9.6087
YIQ	68.7070, -36.2640, -14.6000

Conversions

Conversions Part 2

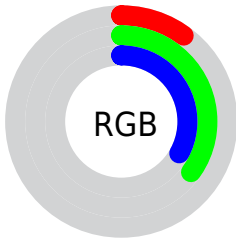
Format	Color
R_{YB}	25, 58, 88
Decimal	1661012
CIE _{Lab}	33.62, -20.58, -3.49
CIE _{LCh}	34, 20.879, 189.633
Yxy	7.8262, 0.2395, 0.3414
Android (android.graphics.Color)	4279851092 (0xFF195854)
YUV	68.7070, 7.5394, -38.3310
Hunter-Lab	27.9754, -13.9218, -0.7816

Details

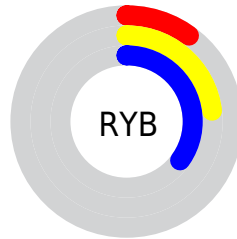
The Hex color **195854** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58191D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4F8A85**, and **002A27** is the 20% darker color. If you saturate the color by 10%, you get **105853**, and if you desaturate by 10%, it is **225855**.

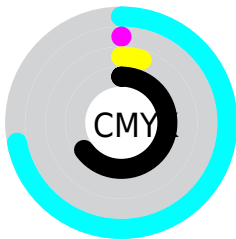
Distribution



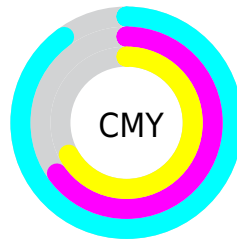
- Red (10%)
- Green (35%)
- Blue (33%)



- Red (10%)
- Yellow (23%)
- Blue (35%)



- Cyan (72%)
- Magenta (0%)
- Yellow (5%)
- Black (65%)



- Cyan (90%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195854 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 195854 by changing the saturation by 10% instead.

■ 195854

■ 195854

FFFFFF

■ 00403D

■ 4F8A85

■ 002A27

■ 69A5A0

■ 001613

■ 83C0BB

■ 000000

■ 9FD6D6

■ BAF9F3

■ D7FFFF

■ F4FFFF

■ 195854

■ 195854

■ 105853

■ 225855

■ 075853

■ 2B5855

■ 005852

■ 335856

■ 3C5856

■ 455857

■ 4E5857

■ 575858

■ 5F5858

■ 685859

Harmonies

Analogous

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



2F5743



195854



0F5764

Triad

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



195854



584969



644A30

Complementary

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



195854



58191D

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.



6D453B



195854



68445B

Square

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



195854



404F6F



6F424A



55502E

Rectangle

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



195854



1C556B



6F424A



684833

Sweetspot

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



195854



5B7371



1D5819



2C3B3A



BABABA



3B3B3B

Same Dimension

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



195854



10736C



193D58



272B2B



006B64



00EBDC

Inverse Universe

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



58191D



731016



583419



2B2727



6B0007



EB000F

Previews

White Background



This preview shows how the Hex color 195854 looks on a white background.

Color Contrast Check

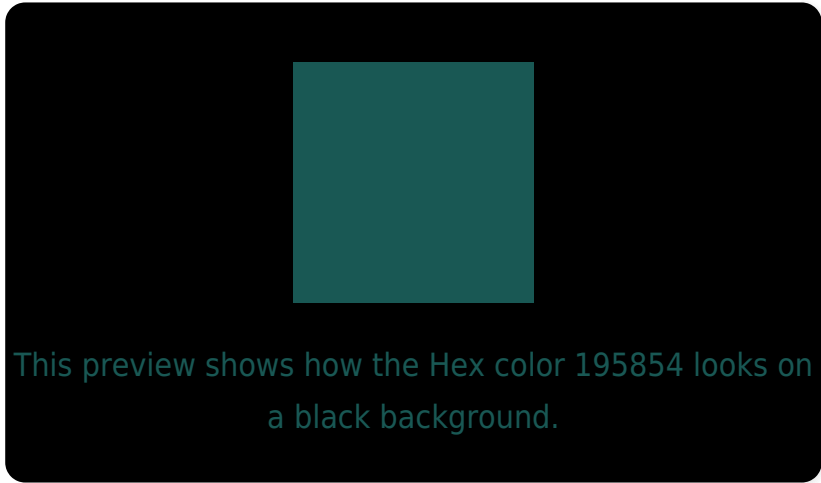
Large Text (above 18pt) WCAG AA ✓ Pass

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

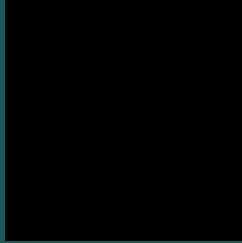
Any Text WCAG AA × Fail

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 195854 Background



This preview shows how black text looks on a background with the Hex color 195854.



This preview shows how white text looks on a background with the Hex color 195854.

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
195854

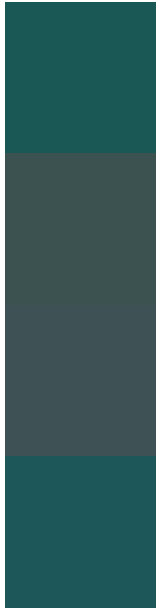
Protanopia
504E4E

Deuteranopia
534D56



Tritanopia
1F575E

Trichromacy



Original Color
195854

Protanomaly
3C5250

Deuteranomaly
3E5155

Tritanomaly
1D575A

Monochromacy



Original Color
195854

Achromatopsia
454545

Achromatomaly
354C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 195854 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 #195854 looks like.

```
.text, #text, p{  
    color:#195854  
}
```

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 #195854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195854
}
```

Border

The CSS property to change the border of an element to Hex 195854 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
#195854 }
```

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

```
.border{ border-color:#195854 }
```

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

Here you see how a box with a 4 pixel #195854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195854; -webkit-box-shadow:4px 4px  
4px 4px #195854; box-shadow:4px 4px 4px  
4px #195854 }
```

Background

The CSS property to change the background color of an element to Hex 195854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195854 }
```

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

```
.background{ background-color:#195854 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor