

Converting Colors

Hex(195804)

Have a look what the booklet for
Hex(195804) contains.

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Color

Hex(195804)

Conversions

Conversions Part 1

Format	Color
Hex	195804
RGB	25, 88, 4
RGB Percent	10%, 35%, 2%
CMY	0.9020, 0.6549, 0.9843
CMYK	0.72, 0.00, 0.95, 0.65
HSL	105°, 91%, 18%
HSV	105°, 95%, 35%
XYZ	3.9125, 7.1949, 1.2974
YIQ	59.5870, -10.5840, -39.4800

Conversions

Conversions Part 2

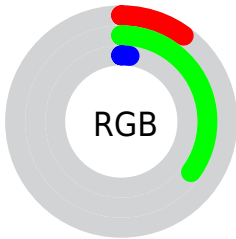
Format	Color
R_{YB}	4, 88, 67
Decimal	1660932
CIE _{Lab}	32.25, -35.32, 37.50
CIE _{LCh}	32, 51.515, 133.282
Yxy	7.1949, 0.3154, 0.5800
Android (android.graphics.Color)	4279851012 (0xFF195804)
YUV	59.5870, -27.4044, -30.3328
Hunter-Lab	26.8233, -20.9041, 15.9085

Details

The Hex color **195804** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **430458**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **508B38**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **165800**, and if you desaturate by 10%, it is **20580D**.

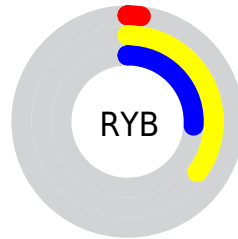
Distribution



Red (10%)

Green (35%)

Blue (2%)



Red (2%)

Yellow (35%)

Blue (26%)

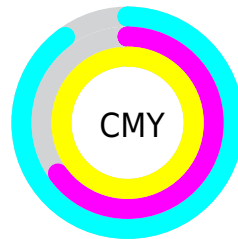


Cyan (72%)

Magenta (0%)

Yellow (95%)

Black (65%)



Cyan (90%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195804 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 195804 by changing the saturation by 10% instead.

 195804

 195804

 FFFFF3

 004000

 508B38

 002A00

 6AA551

 000F00

 85C16A

 000000

 A0DD84

 BCFA9F

 D8FFBA

 F5FFD6

 195804

 195804

■ 165800

■ 20580D

■ 265816

■ 2D581E

■ 335827

■ 3A5830

■ 415839

■ 475842

■ 4E584A

■ 545853

Harmonies

Analogous

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



4D5000



195804



005C33

Triad

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



195804



00579A



921A3C

Complementary

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



195804



430458

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.



882064



195804



004B9C

Square

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



195804



005C83



633788



882D15

Rectangle

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



195804



005D4F



633788



911849

Sweetspot

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



195804



5A7351



584304



2B3B26



BABABA



3B3B3B

Same Dimension

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



195804



1D7300



045819



282B27



1B6B00



3BEB00

Inverse Universe

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



430458



560073



580443



2A272B



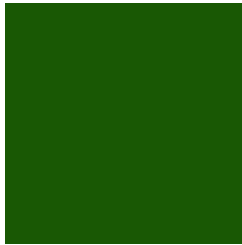
50006B



B000EB

Previews

White Background



This preview shows how the Hex color 195804 looks on a white background.

Color Contrast Check

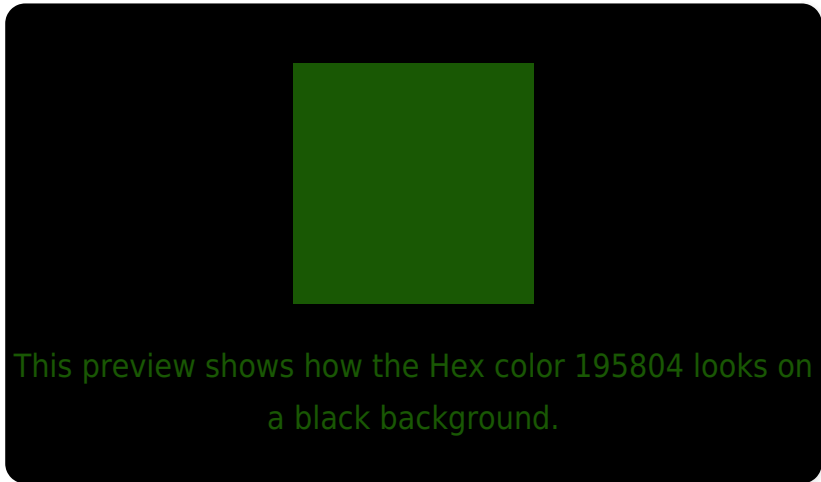
Large Text (above 18pt) WCAG AA ✓ Pass

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

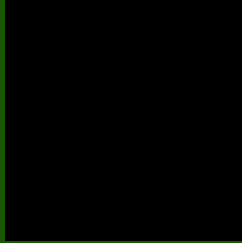
Any Text WCAG AA × Fail

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 195804 Background



This preview shows how black text looks on a background with the Hex color 195804.



This preview shows how white text looks on a background with the Hex color 195804.

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](#).

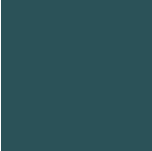
Dichromacy



Original Color
195804

Protanopia
564C00

Deuteranopia
5F4813



Tritanopia
2B5258

Trichromacy



Original Color
195804

Protanomaly
405001

Deuteranomaly
464E0E

Tritanomaly
245439

Monochromacy



Original Color
195804

Achromatopsia
3C3C3C

Achromatomaly
2F4628

CSS Examples

Text

The CSS property to change the color of the text to Hex 195804 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 #195804 looks like.

```
.text, #text, p{  
    color:#195804  
}
```

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 #195804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195804
}
```

Border

The CSS property to change the border of an element to Hex 195804 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".

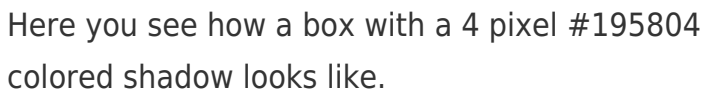
```
.border, #border, table{ border:4px solid
#195804 }
```

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

```
.border{ border-color:#195804 }
```

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

Here you see how a box with a 4 pixel #195804 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195804; -webkit-box-shadow:4px 4px  
4px 4px #195804; box-shadow:4px 4px 4px  
4px #195804 }
```

Background

The CSS property to change the background color of an element to Hex 195804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195804 }
```

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

```
.background{ background-color:#195804 }
```

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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