

# Converting Colors

Hex(195513)

Have a look what the booklet for  
Hex(195513) contains.

<b>Hex(195513)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(195513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	195513
RGB	25, 85, 19
RGB Percent	10%, 33%, 7%
CMY	0.9020, 0.6667, 0.9255
CMYK	0.71, 0.00, 0.78, 0.67
HSL	115°, 63%, 20%
HSV	115°, 78%, 33%
XYZ	3.7669, 6.7507, 1.7206
YIQ	59.5360, -14.5740, -33.2460

# Conversions

## Conversions Part 2

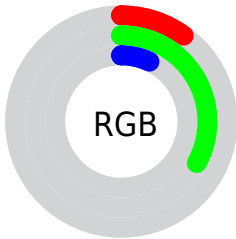
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 85, 79
Decimal	1660179
CIELab	31.23, -33.12, 31.25
CIELCh	31, 45.531, 136.663
Yxy	6.7507, 0.3078, 0.5516
Android (android.graphics.Color)	4279850259 (0xFF195513)
YUV	59.5360, -19.9842, -30.2881
Hunter-Lab	25.9821, -19.5893, 14.2612

# Details

The Hex color **195513** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F1355**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4E8742**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **11550A**, and if you desaturate by 10%, it is **21551C**.

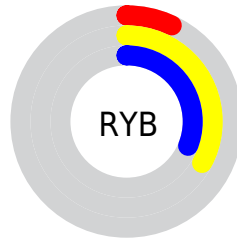
# Distribution



Red (10%)

Green (33%)

Blue (7%)



Red (7%)

Yellow (33%)

Blue (31%)

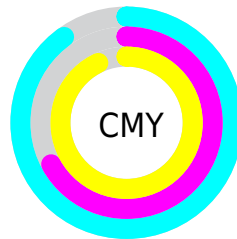


Cyan (71%)

Magenta (0%)

Yellow (78%)

Black (67%)



Cyan (90%)

Magenta (67%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 195513 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 195513 by changing the saturation by 10% instead.



 195513

 195513

FFFFFFD

 003D00

 4E8742

 002700

 68A25B

 000800

 82BD74

 000000

 9ED98E

 B9F6A8

 D6FFC4

 F2FFE0

 195513

 195513

■ 11550A

■ 21551C

■ 0A5502

■ 285524

■ 085500

■ 30552D

■ 385535

■ 40553D

■ 475546

■ 4F554E

■ 575557

■ 5F555F

# Harmonies

## Analogous

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



474E00



195513



005938

# Triad

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



195513



00528F



882337

# Complementary

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



195513



4F1355

# 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.



81255B



195513



1F478E

# Square

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



195513



00587D



63367B



7E3216

# Rectangle

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



195513



005951



63367B



882243



# Sweetspot

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



195513



576E54



554E13



2A3828



B8B8B8



383838



# Same Dimension

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



195513



116E08



13552D



272B27



0A6B00



15EB00



# Inverse Universe

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



4F1355



64086E



55133B



2B272B



61006B

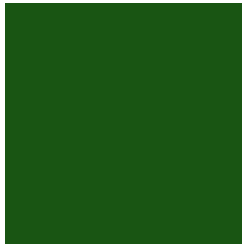


D500EB



# Previews

## White Background



This preview shows how the Hex color 195513 looks on a white background.

## Color Contrast Check

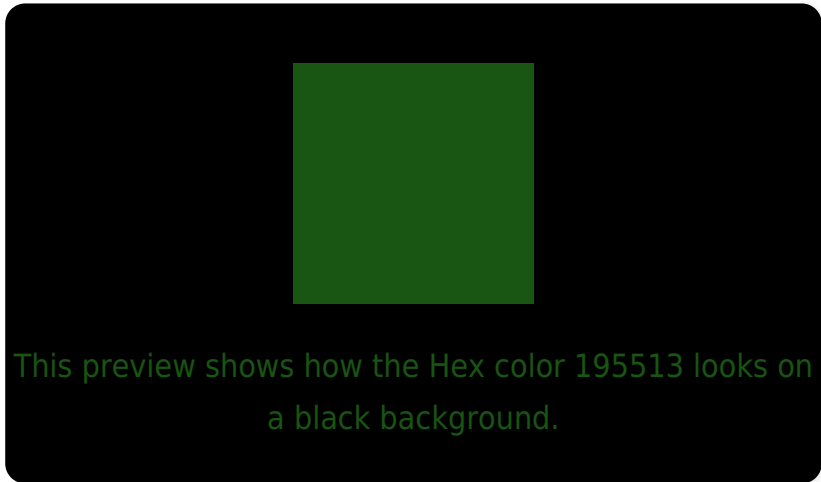
Large Text (above 18pt) WCAG AA ✓ Pass

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

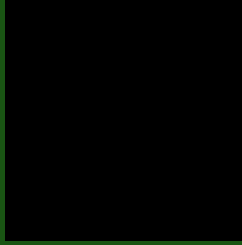
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 195513 Background



This preview shows how black text looks on a background with the Hex color 195513.



This preview shows how white text looks on a background with the Hex color 195513.

# 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**  
195513

**Protanopia**  
534A10

**Deuteranopia**  
5C461A



**Tritanopia**  
2A4F56

# Trichromacy



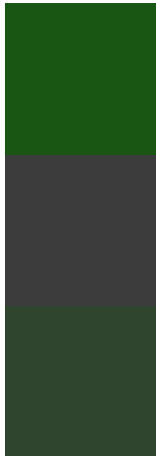
**Original Color**  
195513

**Protanomaly**  
3E4E11

**Deuteranomaly**  
444B17

**Tritanomaly**  
24513E

# Monochromacy



**Original Color**  
195513

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2F452D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 195513 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 #195513 looks like.

```
.text, #text, p{  
    color:#195513  
}
```

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 #195513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195513
}
```

## Border

The CSS property to change the border of an element to Hex 195513 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".

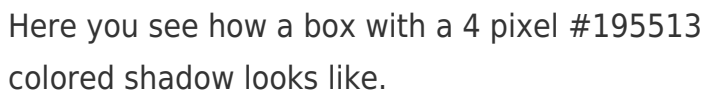
```
.border, #border, table{ border:4px solid
#195513 }
```

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

```
.border{ border-color:#195513 }
```

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

Here you see how a box with a 4 pixel #195513 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195513; -webkit-box-shadow:4px 4px  
4px 4px #195513; box-shadow:4px 4px 4px  
4px #195513 }
```

# Background

The CSS property to change the background color of an element to Hex 195513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195513 }
```

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

```
.background{ background-color:#195513 }
```

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