

Converting Colors

Hex(195500)

Have a look what the booklet for
Hex(195500) contains.

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Color

Hex(195500)

Conversions

Conversions Part 1

Format	Color
Hex	195500
RGB	25, 85, 0
RGB Percent	10%, 33%, 0%
CMY	0.9020, 0.6667, 1.0000
CMYK	0.71, 0.00, 1.00, 0.67
HSL	102°, 100%, 17%
HSV	102°, 100%, 33%
XYZ	3.6494, 6.7037, 1.1016
YIQ	57.3700, -8.4750, -39.1550

Conversions

Conversions Part 2

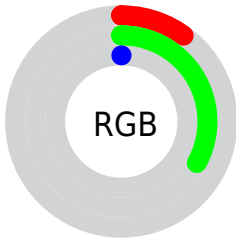
Format	Color
RYB	0, 85, 60
Decimal	1660160
CIELab	31.12, -34.43, 37.99
CIELCh	31, 51.273, 132.190
Yxy	6.7037, 0.3186, 0.5852
Android (android.graphics.Color)	4279850240 (0xFF195500)
YUV	57.3700, -28.2834, -28.3885
Hunter-Lab	25.8915, -20.1504, 15.6014

Details

The Hex color **195500** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3C0055**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4F8735**, and **002800** is the 20% darker color. If you saturate the color by 10%, you get **195500**, and if you desaturate by 10%, it is **1F5508**.

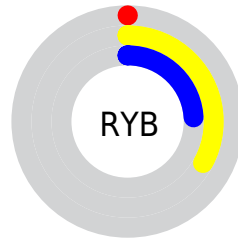
Distribution



Red (10%)

Green (33%)

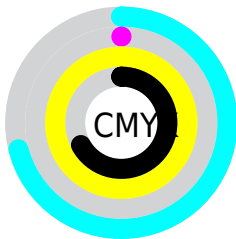
Blue (0%)



Red (0%)

Yellow (33%)

Blue (24%)

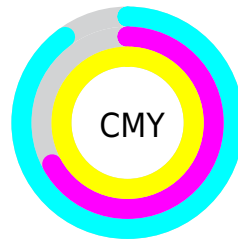


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (90%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195500 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 195500 by changing the saturation by 10% instead.

 195500

 195500

 FFFFEF

 003D00

 4F8735

 002800

 69A24D

 000800

 84BD66

 000000

 9FD980

 BBF69B

 D8FFB6


 F5FFD2

 195500

 1F5508

 255511

 2B5519

 315522

 37552A

 3D5533

 43553B

 495544

 4F554C

Harmonies

Analogous

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



4B4D00



195500



00592F

Triad

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



195500



005496



8F163B

Complementary

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



195500



3C0055

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.



841E63



195500



004999

Square

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



195500



005A7F



5E3685



852A14

Rectangle

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



195500



005A4B



5E3685



8E1548

Sweetspot

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



195500



566E4D



553B00



2A3824



B8B8B8



383838

Same Dimension

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



195500



206E00



005511



282B27



206B00



45EB00

Inverse Universe

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



3C0055



4D006E



550044



2A272B



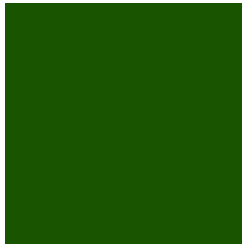
4C006B



A600EB

Previews

White Background



This preview shows how the Hex color 195500 looks on a white background.

Color Contrast Check

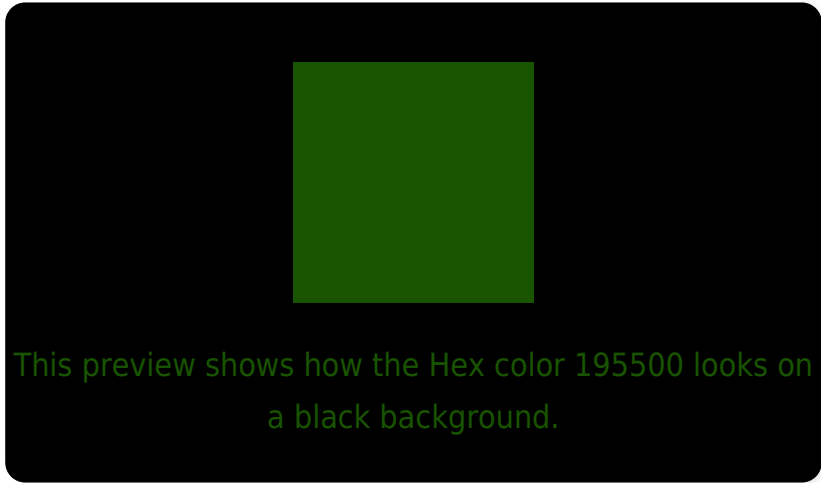
Large Text (above 18pt) WCAG AA ✓ Pass

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

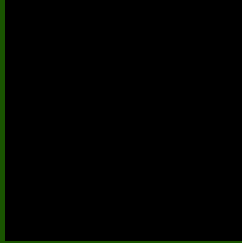
Any Text WCAG AA × Fail

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 195500 Background



This preview shows how black text looks on a background with the Hex color 195500.



This preview shows how white text looks on a background with the Hex color 195500.

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](#).

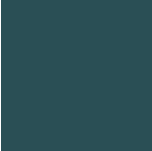
Dichromacy



Original Color
195500

Protanopia
534900

Deuteranopia
5C4612



Tritanopia
2A4F55

Trichromacy



Original Color
195500

Protanomaly
3E4D00

Deuteranomaly
444B0B

Tritanomaly
245136

Monochromacy



Original Color
195500

Achromatopsia
393939

Achromatomaly
2D4324

CSS Examples

Text

The CSS property to change the color of the text to Hex 195500 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 #195500 looks like.

```
.text, #text, p{  
    color:#195500  
}
```

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 #195500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195500
}
```

Border

The CSS property to change the border of an element to Hex 195500 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".

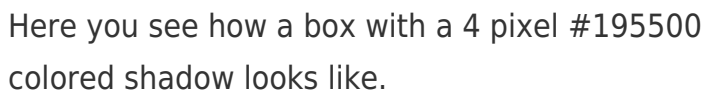
```
.border, #border, table{ border:4px solid
#195500 }
```

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

```
.border{ border-color:#195500 }
```

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

Here you see how a box with a 4 pixel #195500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195500; -webkit-box-shadow:4px 4px  
4px 4px #195500; box-shadow:4px 4px 4px  
4px #195500 }
```

Background

The CSS property to change the background color of an element to Hex 195500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195500 }
```

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

```
.background{ background-color:#195500 }
```

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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