

# Converting Colors

Hex(193500)

Have a look what the booklet for  
Hex(193500) contains.

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# Color

**Hex(193500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	193500
RGB	25, 53, 0
RGB Percent	10%, 21%, 0%
CMY	0.9020, 0.7922, 1.0000
CMYK	0.53, 0.00, 1.00, 0.79
HSL	92°, 100%, 10%
HSV	92°, 100%, 21%
XYZ	1.6740, 2.7529, 0.4431
YIQ	38.5860, 0.3250, -22.4190

# Conversions

## Conversions Part 2

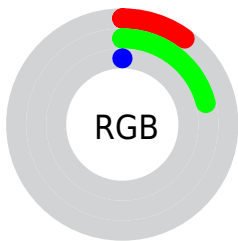
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 53, 28
Decimal	1651968
CIELab	19.03, -20.88, 26.46
CIELCh	19, 33.712, 128.277
Yxy	2.7529, 0.3437, 0.5653
Android (android.graphics.Color)	4279842048 (0xFF193500)
YUV	38.5860, -19.0229, -11.9149
Hunter-Lab	16.5918, -11.0262, 10.0308

# Details

The Hex color **193500** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1C0035**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **47642F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **193500**, and if you desaturate by 10%, it is **1C3505**.

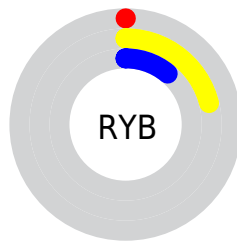
# Distribution



Red (10%)

Green (21%)

Blue (0%)



Red (0%)

Yellow (21%)

Blue (11%)

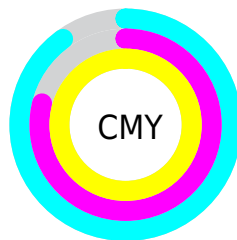


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (90%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 193500 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 193500 by changing the saturation by 10% instead.



 193500

 193500

 FFFFE4

 002000

 47642F

 000000

 607D46

 79975F

 94B278

 AFCD92

 CAE AAC

 E7FFC8

 193500

■ 1C3505

■ 1F350B

■ 213510

■ 243515

■ 27351B

■ 2A3520

■ 2D3525

■ 2F352A

■ 323530

# Harmonies

## Analogous

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



342F00



193500



00381B

# Triad

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



193500



00365C



591328

# Complementary

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



193500



1C0035

# 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.



501841



193500



002F5F

# Square

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



193500



00394C



372455



551B11

# Rectangle

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



193500



00392C



372455



581331



# Sweetspot

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



193500



3A4530



351B00



1D2417



A3A3A3



242424



# Same Dimension

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



193500



204500



003501



181A17



2A5900



66D900



# Inverse Universe

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



1C0035



240045



350034



18171A



2F0059



7300D9



# Previews

## White Background



This preview shows how the Hex color 193500 looks on a white background.

## Color Contrast Check

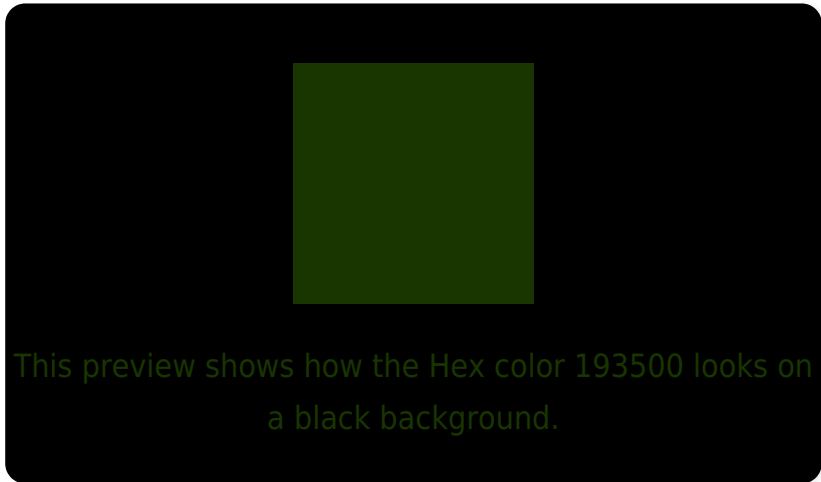
Large Text (above 18pt) WCAG AA ✓ Pass

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

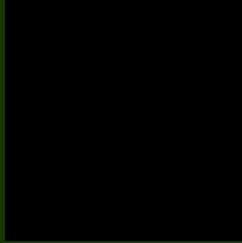
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 193500 Background



This preview shows how black text looks on a background with the Hex color 193500.



This preview shows how white text looks on a background with the Hex color 193500.

# 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**  
193500

**Protanopia**  
342F00

**Deuteranopia**  
3A2C0B



# Trichromacy



**Original Color**  
193500

**Protanomaly**  
2A3100

**Deuteranomaly**  
2E2F07

**Tritanomaly**  
1D3222

# Monochromacy



**Original Color**  
193500

**Achromatopsia**  
272727

**Achromatomaly**  
222C19

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 193500 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 #193500 looks like.

```
.text, #text, p{  
    color:#193500  
}
```

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 #193500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193500  
}
```

## Border

The CSS property to change the border of an element to Hex 193500 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  
#193500 }
```

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

```
.border{ border-color:#193500 }
```

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

Here you see how a box with a 4 pixel #193500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193500; -webkit-box-shadow:4px 4px  
4px 4px #193500; box-shadow:4px 4px 4px  
4px #193500 }
```

# Background

The CSS property to change the background color of an element to Hex 193500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193500 }
```

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

```
.background{ background-color:#193500 }
```

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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