

Converting Colors

Hex(193700)

Have a look what the booklet for
Hex(193700) contains.

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Color

Hex(193700)

Conversions

Conversions Part 1

Format	Color
Hex	193700
RGB	25, 55, 0
RGB Percent	10%, 22%, 0%
CMY	0.9020, 0.7843, 1.0000
CMYK	0.55, 0.00, 1.00, 0.78
HSL	93°, 100%, 11%
HSV	93°, 100%, 22%
XYZ	1.7671, 2.9390, 0.4742
YIQ	39.7600, -0.2250, -23.4650

Conversions

Conversions Part 2

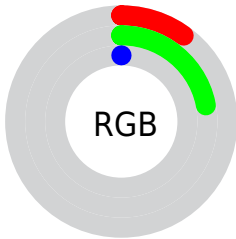
Format	Color
RYB	0, 55, 30
Decimal	1652480
CIELab	19.80, -21.84, 27.35
CIELCh	20, 35.005, 128.612
Yxy	2.9390, 0.3411, 0.5674
Android (android.graphics.Color)	4279842560 (0xFF193700)
YUV	39.7600, -19.6017, -12.9445
Hunter-Lab	17.1437, -11.6024, 10.3607

Details

The Hex color **193700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0037**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **48662F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **193700**, and if you desaturate by 10%, it is **1C3705**.

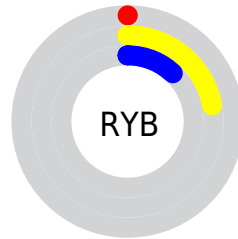
Distribution



Red (10%)

Green (22%)

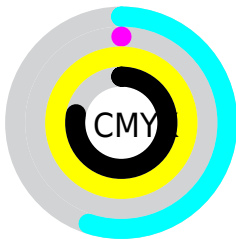
Blue (0%)



Red (0%)

Yellow (22%)

Blue (12%)

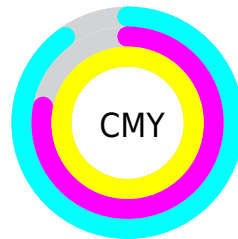


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (78%)



Cyan (90%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193700 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 193700 by changing the saturation by 10% instead.

 193700

 193700

 FFFFE4

 002200

 48662F

 000000

 607F47

 7A995F

 94B478

 AFD092

 CBECAD

 E7FFC8

 193700

■ 1C3705

■ 1F370B

■ 223711

■ 253716

■ 28371C

■ 2B3721

■ 2E3727

■ 31372C

■ 343732

Harmonies

Analogous

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



363100



193700



003A1C

Triad

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



193700



003860



5D132A

Complementary

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



193700



1E0037

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.



541843



193700



003163

Square

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



193700



003B4F



392558



581C11

Rectangle

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



193700



003B2E



392558



5B1332

Sweetspot

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



193700



3C4732



371D00



1D2417



A3A3A3



242424

Same Dimension

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



193700



204700



003702



1B1C19



2A5C00



64DB00

Inverse Universe

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



1E0037



270047



370035



1B191C



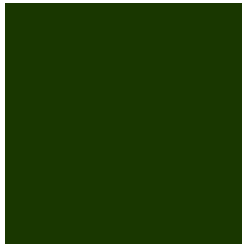
32005C



7800DB

Previews

White Background



This preview shows how the Hex color 193700 looks on a white background.

Color Contrast Check

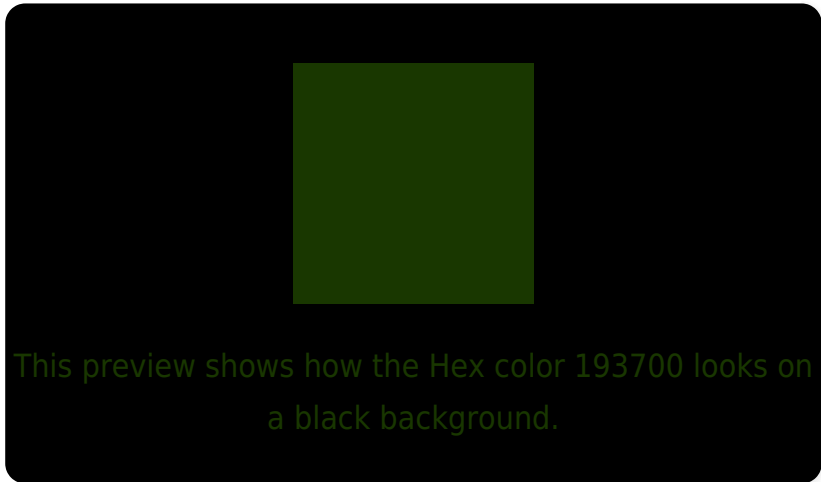
Large Text (above 18pt) WCAG AA ✓ Pass

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

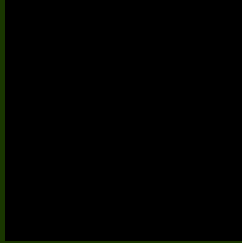
Any Text WCAG AA × Fail

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 193700 Background



This preview shows how black text looks on a background with the Hex color 193700.



This preview shows how white text looks on a background with the Hex color 193700.

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](#).

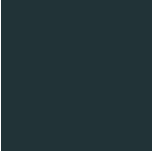
Dichromacy



Original Color
193700

Protanopia
363000

Deuteranopia
3D2E0B



Tritanopia
213337

Trichromacy



Original Color
193700

Protanomaly
2B3300

Deuteranomaly
303107

Tritanomaly
1E3423

Monochromacy



Original Color
193700

Achromatopsia
282828

Achromatomaly
232D19

CSS Examples

Text

The CSS property to change the color of the text to Hex 193700 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 #193700 looks like.

```
.text, #text, p{  
    color:#193700  
}
```

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 #193700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193700
}
```

Border

The CSS property to change the border of an element to Hex 193700 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
#193700 }
```

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

```
.border{ border-color:#193700 }
```

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

Here you see how a box with a 4 pixel #193700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193700; -webkit-box-shadow:4px 4px  
4px 4px #193700; box-shadow:4px 4px 4px  
4px #193700 }
```

Background

The CSS property to change the background color of an element to Hex 193700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193700 }
```

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

```
.background{ background-color:#193700 }
```

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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