

Converting Colors

Hex(193F00)

Have a look what the booklet for
Hex(193F00) contains.

Hex(193F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(193F00)

Conversions

Conversions Part 1

Format	Color
Hex	193F00
RGB	25, 63, 0
RGB Percent	10%, 25%, 0%
CMY	0.9020, 0.7529, 1.0000
CMYK	0.60, 0.00, 1.00, 0.75
HSL	96°, 100%, 12%
HSV	96°, 100%, 25%
XYZ	2.1784, 3.7617, 0.6113
YIQ	44.4560, -2.4250, -27.6490

Conversions

Conversions Part 2

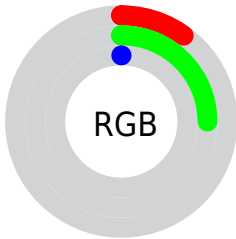
Format	Color
RYB	0, 63, 38
Decimal	1654528
CIELab	22.87, -25.51, 30.68
CIELCh	23, 39.900, 129.735
Yxy	3.7617, 0.3325, 0.5742
Android (android.graphics.Color)	4279844608 (0xFF193F00)
YUV	44.4560, -21.9168, -17.0629
Hunter-Lab	19.3951, -13.8927, 11.7079

Details

The Hex color **193F00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26003F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4A6F30**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **193F00**, and if you desaturate by 10%, it is **1D3F06**.

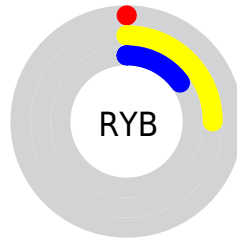
Distribution



Red (10%)

Green (25%)

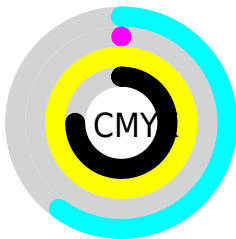
Blue (0%)



Red (0%)

Yellow (25%)

Blue (15%)

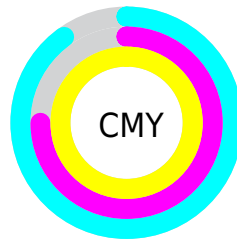


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (90%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193F00 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 193F00 by changing the saturation by 10% instead.

 193F00

 193F00

 FFFFE6

 002900

 4A6F30

 001200

 638948

 000000

 7DA360

 97BE79

 B2DA93

 CEF7AE

 EBFFCA

 193F00

 1D3F06

 213F0D

 243F13

 283F19

 2C3F20

 303F26

 343F2C

 373F32

 3B3F39

Harmonies

Analogous

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



3C3800



193F00



004221

Triad

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



193F00



003F6F



6A132E

Complementary

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



193F00



26003F

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.



611A4C



193F00



003772

Square

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



193F00



00435C



432A65



651F12

Rectangle

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



193F00



004335



432A65



691338

Sweetspot

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



193F00



435239



3F2600



20291A



A8A8A8



292929

Same Dimension

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



193F00



205200



003F06



1D1F1C



255E00



58DE00

Inverse Universe

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



26003F



310052



3F0039



1D1C1F



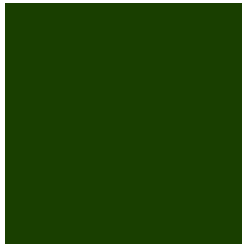
39005E



8600DE

Previews

White Background



This preview shows how the Hex color 193F00 looks on a white background.

Color Contrast Check

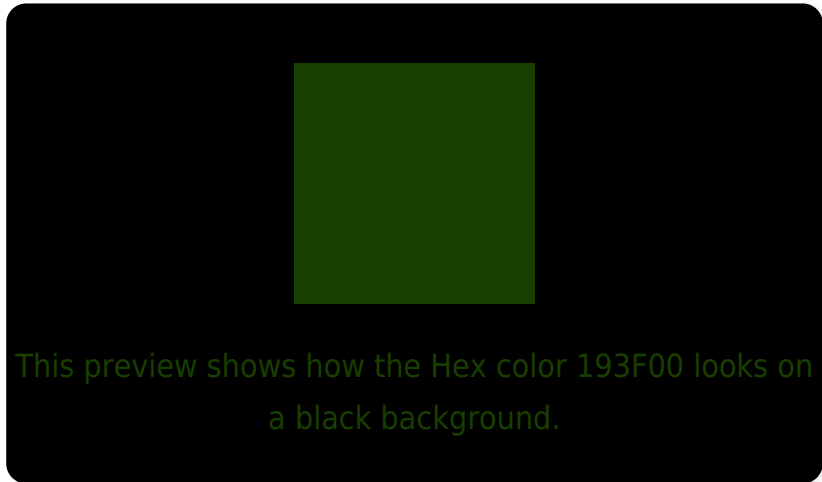
Large Text (above 18pt) WCAG AA ✓ Pass

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 193F00 Background



This preview shows how black text looks on a background with the Hex color 193F00.



This preview shows how white text looks on a background with the Hex color 193F00.

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
193F00

Protanopia
3E3700

Deuteranopia
45340D



Tritanopia
233B3F

Trichromacy



Original Color
193F00

Protanomaly
313A00

Deuteranomaly
353808

Tritanomaly
1F3C28

Monochromacy



Original Color
193F00

Achromatopsia
2C2C2C

Achromatomaly
25331C

CSS Examples

Text

The CSS property to change the color of the text to Hex 193F00 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 #193F00 looks like.

```
.text, #text, p{  
    color:#193F00  
}
```

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 #193F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193F00  
}
```

Border

The CSS property to change the border of an element to Hex 193F00 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  
#193F00 }
```

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

```
.border{ border-color:#193F00 }
```

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

Here you see how a box with a 4 pixel #193F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193F00; -webkit-box-shadow:4px 4px  
4px 4px #193F00; box-shadow:4px 4px 4px  
4px #193F00 }
```

Background

The CSS property to change the background color of an element to Hex 193F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193F00 }
```

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

```
.background{ background-color:#193F00 }
```

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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