

Converting Colors

Hex(153300)

Have a look what the booklet for
Hex(153300) contains.

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Color

Hex(153300)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 153300 |
| RGB | 21, 51, 0 |
| RGB Percent | 8%, 20%, 0% |
| CMY | 0.9176, 0.8000, 1.0000 |
| CMYK | 0.59, 0.00, 1.00, 0.80 |
| HSL | 95°, 100%, 10% |
| HSV | 95°, 100%, 20% |
| XYZ | 1.4931, 2.5271, 0.4091 |
| YIQ | 36.2160, -1.5090, -22.2210 |

Conversions

Conversions Part 2

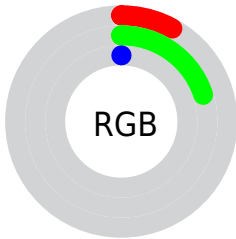
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 51, 30 |
| Decimal | 1389312 |
| CIELab | 18.04, -21.50, 25.25 |
| CIELCh | 18, 33.168, 130.415 |
| Yxy | 2.5271, 0.3371, 0.5705 |
| Android (android.graphics.Color) | 4279579392 (0xFF153300) |
| YUV | 36.2160, -17.8545, -13.3444 |
| Hunter-Lab | 15.8968, -11.0540, 9.6020 |

Details

The Hex color **153300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0033**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **43622F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **153300**, and if you desaturate by 10%, it is **183305**.

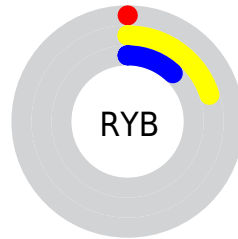
Distribution



Red (8%)

Green (20%)

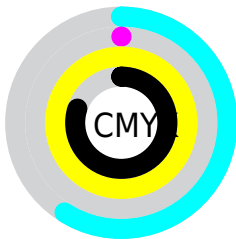
Blue (0%)



Red (0%)

Yellow (20%)

Blue (12%)

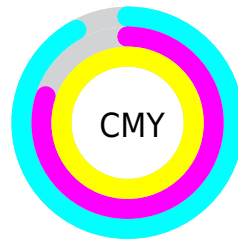


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (92%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153300 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 153300 by changing the saturation by 10% instead.

 153300

 153300

 FEF FE4

 001F00

 43622F

 000000

 5B7B46


 75955E

 8FB077

 AACB91

 C5E7AC

 E2FFC7

 153300

■ 183305

■ 1B330A

■ 1E330F

■ 213314

■ 24331A

■ 27331F

■ 2A3324

■ 2D3329

■ 30332E

Harmonies

Analogous

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



302E00



153300



00361B

Triad

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



153300



003359



561125

Complementary

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



153300



1E0033

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.



4E163D



153300



002C5C

Square

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



153300



00364B



372251



511A0D

Rectangle

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



153300



00372C



372251



55112D

Sweetspot

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



153300



37422E



331E00



1A2115



A1A1A1



212121

Same Dimension

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



153300



1B4200



003304



181A17



255900



59D900

Inverse Universe

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



1E0033



270042



33002F



18171A



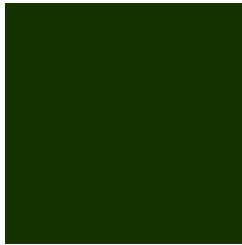
350059



8000D9

Previews

White Background



This preview shows how the Hex color 153300 looks on a white background.

Color Contrast Check

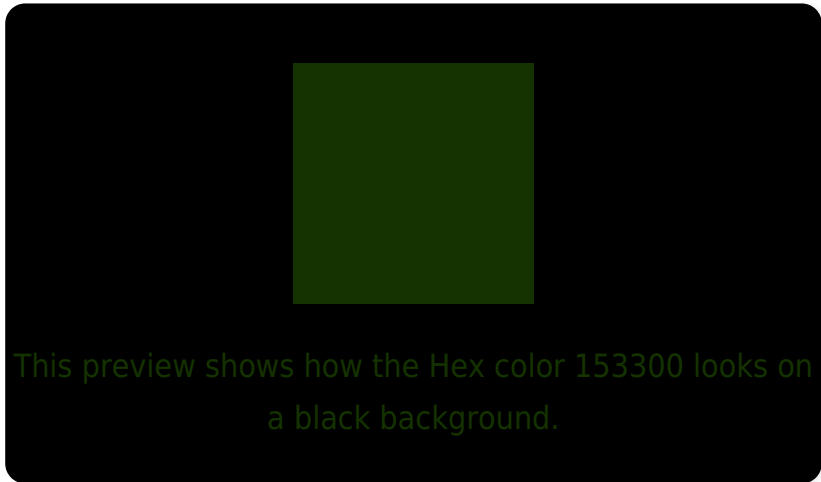
Large Text (above 18pt) WCAG AA ✓ Pass

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

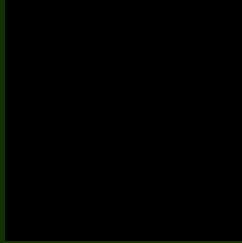
Any Text WCAG AA × Fail

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 153300 Background



This preview shows how black text looks on a background with the Hex color 153300.



This preview shows how white text looks on a background with the Hex color 153300.

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
153300

Protanopia
322D00

Deuteranopia
382A0B



Tritanopia
1D2F33

Trichromacy



Original Color
153300

Protanomaly
272F00

Deuteranomaly
2B2D07

Tritanomaly
1A3020

Monochromacy



Original Color
153300

Achromatopsia
242424

Achromatomaly
1F2917

CSS Examples

Text

The CSS property to change the color of the text to Hex 153300 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 #153300 looks like.

```
.text, #text, p{  
    color:#153300  
}
```

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 #153300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153300
}
```

Border

The CSS property to change the border of an element to Hex 153300 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
#153300 }
```

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

```
.border{ border-color:#153300 }
```

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

Here you see how a box with a 4 pixel #153300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153300; -webkit-box-shadow:4px 4px  
4px 4px #153300; box-shadow:4px 4px 4px  
4px #153300 }
```

Background

The CSS property to change the background color of an element to Hex 153300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153300 }
```

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

```
.background{ background-color:#153300 }
```

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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