

Converting Colors

Hex(133901)

Have a look what the booklet for
Hex(133901) contains.

| | |
|------------------------------------------------|----|
| Hex(133901) | 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(133901)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 133901 |
| RGB | 19, 57, 1 |
| RGB Percent | 7%, 22%, 0% |
| CMY | 0.9255, 0.7765, 0.9961 |
| CMYK | 0.67, 0.00, 0.98, 0.78 |
| HSL | 101°, 97%, 11% |
| HSV | 101°, 98%, 22% |
| XYZ | 1.7372, 3.0669, 0.5291 |
| YIQ | 39.2540, -4.6720, -25.4720 |

Conversions

Conversions Part 2

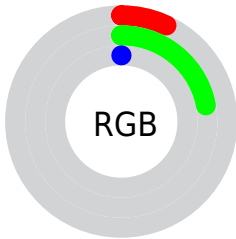
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 1, 57, 39 |
| Decimal | 1259777 |
| CIE _{Lab} | 20.31, -24.80, 27.45 |
| CIE _{LCh} | 20, 36.994, 132.101 |
| Yxy | 3.0669, 0.3257, 0.5751 |
| Android (android.graphics.Color) | 4279449857 (0xFF133901) |
| YUV | 39.2540, -18.8592, -17.7628 |
| Hunter-Lab | 17.5125, -12.9406, 10.4674 |

Details

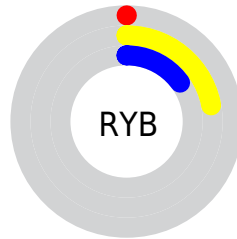
The Hex color **133901** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270139**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **436930**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **123900**, and if you desaturate by 10%, it is **173907**.

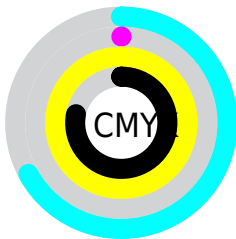
Distribution



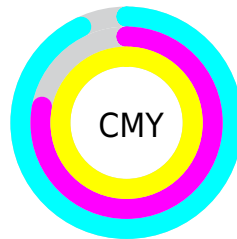
- Red (7%)
- Green (22%)
- Blue (0%)



- Red (0%)
- Yellow (22%)
- Blue (15%)



- Cyan (67%)
- Magenta (0%)
- Yellow (98%)
- Black (78%)



- Cyan (93%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133901 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 133901 by changing the saturation by 10% instead.

 133901

 133901

 FFFFE6

 002400

 436930

 000200

 5C8247

 000000

 759C60

 90B779

 ABD393

 C6EFAE

 E3FFC9

 133901

 133901

■ 123900

■ 173907

■ 1B390C

■ 1F3912

■ 223918

■ 26391E

■ 2A3923

■ 2E3929

■ 32392F

■ 363934

Harmonies

Analogous

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



343300



133901



003C1F

Triad

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



133901



003965



601127

Complementary

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



133901



270139

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.



591642



133901



003167

Square

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



133901



003C55



3F245A



5A1D0D

Rectangle

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



133901



003D32



3F245A



601130

Sweetspot

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



133901



3B4A35



392601



1D2619



A6A6A6



262626

Same Dimension

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



133901



184A00



01390A



1A1C19



1E5C00



46DB00

Inverse Universe

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



270139



32004A



390130



1B191C



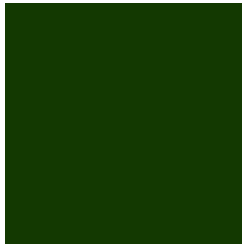
3E005C



9500DB

Previews

White Background



This preview shows how the Hex color 133901 looks on a white background.

Color Contrast Check

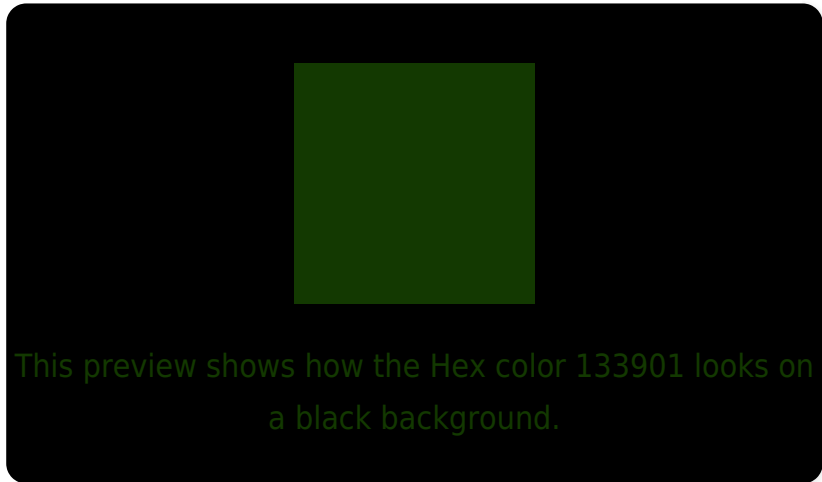
Large Text (above 18pt) WCAG AA ✓ Pass

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

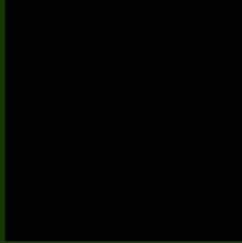
Any Text WCAG AA × Fail

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 133901 Background



This preview shows how black text looks on a background with the Hex color 133901.



This preview shows how white text looks on a background with the Hex color 133901.

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
133901

Protanopia
383100

Deuteranopia
3E2F0C



Tritanopia
1E3539

Trichromacy



Original Color
133901

Protanomaly
2B3400

Deuteranomaly
2E3308

Tritanomaly
1A3625

Monochromacy



Original Color
133901

Achromatopsia
272727

Achromatomaly
202E19

CSS Examples

Text

The CSS property to change the color of the text to Hex 133901 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 #133901 looks like.

```
.text, #text, p{  
    color:#133901  
}
```

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 #133901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133901  
}
```

Border

The CSS property to change the border of an element to Hex 133901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

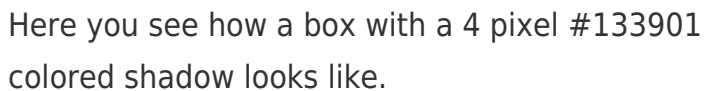
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#133901 }
```

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

```
.border{ border-color:#133901 }
```

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



Here you see how a box with a 4 pixel #133901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133901; -webkit-box-shadow:4px 4px  
4px 4px #133901; box-shadow:4px 4px 4px  
4px #133901 }
```

Background

The CSS property to change the background color of an element to Hex 133901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133901 }
```

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

```
.background{ background-color:#133901 }
```

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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