

Converting Colors

Hex(1C3307)

Have a look what the booklet for
Hex(1C3307) contains.

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Color

Hex(1C3307)

Conversions

Conversions Part 1

Format	Color
Hex	1C3307
RGB	28, 51, 7
RGB Percent	11%, 20%, 3%
CMY	0.8902, 0.8000, 0.9725
CMYK	0.45, 0.00, 0.86, 0.80
HSL	91°, 76%, 11%
HSV	91°, 86%, 20%
XYZ	1.7011, 2.6299, 0.6190
YIQ	39.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

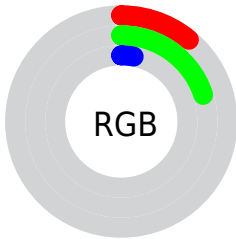
Format	Color
RYB	7, 51, 30
Decimal	1848071
CIELab	18.50, -17.90, 23.04
CIElCh	18, 29.175, 127.853
Yxy	2.6299, 0.3437, 0.5313
Android (android.graphics.Color)	4280038151 (0xFF1C3307)
YUV	39.1070, -15.8288, -9.7408
Hunter-Lab	16.2169, -9.6558, 9.0888

Details

The Hex color **1C3307** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0733**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4A6234**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **193302**, and if you desaturate by 10%, it is **1F330C**.

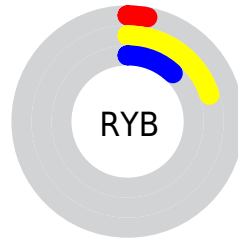
Distribution



Red (11%)

Green (20%)

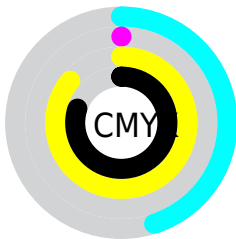
Blue (3%)



Red (3%)

Yellow (20%)

Blue (12%)

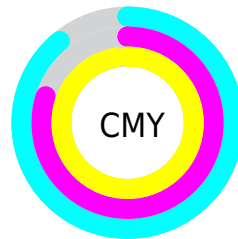


Cyan (45%)

Magenta (0%)

Yellow (86%)

Black (80%)



Cyan (89%)

Magenta (80%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3307 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 1C3307 by changing the saturation by 10% instead.

 1C3307

 1C3307

 FFFFEA

 011E00

 4A6234

 000000

 627B4B

 7C9464

 96AF7D

 B1CB97

 CCE7B2

 E9FFCD

 1C3307

 1C3307

■ 193302

■ 1F330C

■ 183300

■ 213311

■ 243316

■ 27331B

■ 293321

■ 2C3326

■ 2F332B

■ 313330

■ 343335

Harmonies

Analogous

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



332E00



1C3307



00361C

Triad

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



1C3307



003454



531828

Complementary

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



1C3307



1E0733

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.



4B1C3D



1C3307



012E57

Square

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



1C3307



003647



35254F



501D14

Rectangle

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



1C3307



00372B



35254F



51182F

Sweetspot

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



1C3307



394231



331E07



1C2117



A1A1A1



212121

Same Dimension

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



1C3307



204200



073308



181A17



2B5900



67D900

Inverse Universe

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



1E0733



230042



330732



18171A



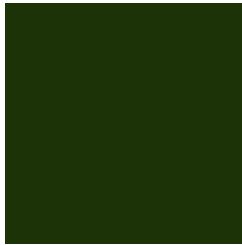
2F0059



7100D9

Previews

White Background



This preview shows how the Hex color 1C3307 looks on a white background.

Color Contrast Check

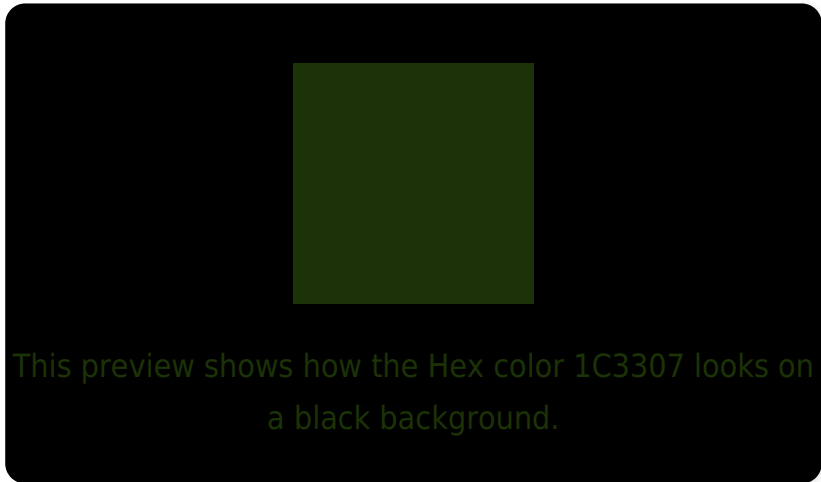
Large Text (above 18pt) WCAG AA ✓ Pass

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

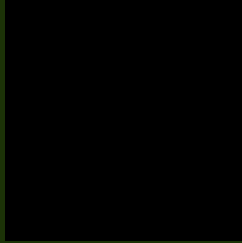
Any Text WCAG AA × Fail

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 1C3307 Background



This preview shows how black text looks on a background with the Hex color 1C3307.



This preview shows how white text looks on a background with the Hex color 1C3307.

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
1C3307

Protanopia
332D05

Deuteranopia
392B0C



Tritanopia
222F33

Trichromacy



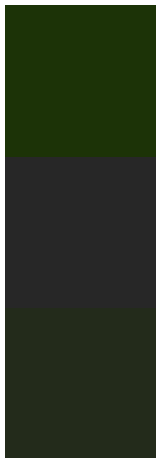
Original Color
1C3307

Protanomaly
2B2F06

Deuteranomaly
2E2E0A

Tritanomaly
203023

Monochromacy



Original Color
1C3307

Achromatopsia
272727

Achromatomaly
232B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3307 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 #1C3307 looks like.

```
.text, #text, p{  
    color:#1C3307  
}
```

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 #1C3307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3307
}
```

Border

The CSS property to change the border of an element to Hex 1C3307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

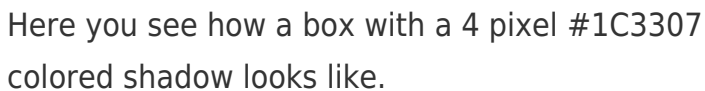
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C3307 }
```

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

```
.border{ border-color:#1C3307 }
```

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



Here you see how a box with a 4 pixel #1C3307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3307; -webkit-box-shadow:4px 4px  
4px 4px #1C3307; box-shadow:4px 4px 4px  
4px #1C3307 }
```

Background

The CSS property to change the background color of an element to Hex 1C3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3307 }
```

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

```
.background{ background-color:#1C3307 }
```

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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