

Converting Colors

Hex(1C3400)

Have a look what the booklet for
Hex(1C3400) contains.

Hex(1C3400)	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(1C3400)

Conversions

Conversions Part 1

Format	Color
Hex	1C3400
RGB	28, 52, 0
RGB Percent	11%, 20%, 0%
CMY	0.8902, 0.7961, 1.0000
CMYK	0.46, 0.00, 1.00, 0.80
HSL	88°, 100%, 10%
HSV	88°, 100%, 20%
XYZ	1.7069, 2.7029, 0.4317
YIQ	38.8960, 2.3880, -21.2600

Conversions

Conversions Part 2

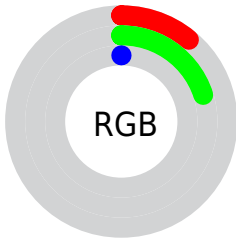
Format	Color
RYB	0, 52, 24
Decimal	1848320
CIELab	18.81, -19.12, 26.26
CIELCh	19, 32.481, 126.055
Yxy	2.7029, 0.3526, 0.5583
Android (android.graphics.Color)	4280038400 (0xFF1C3400)
YUV	38.8960, -19.1757, -9.5558
Hunter-Lab	16.4404, -10.2383, 9.9512

Details

The Hex color **1C3400** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **180034**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4A632F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C3400**, and if you desaturate by 10%, it is **1E3405**.

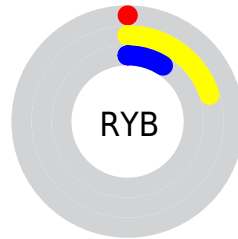
Distribution



Red (11%)

Green (20%)

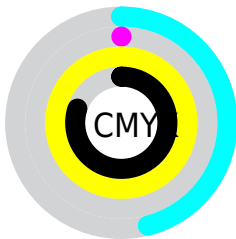
Blue (0%)



Red (0%)

Yellow (20%)

Blue (9%)

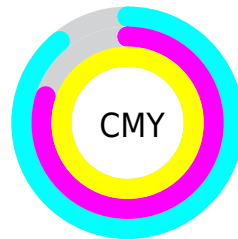


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (89%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3400 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 1C3400 by changing the saturation by 10% instead.

 1C3400

 1C3400

 FFFFE4

 001F00

 4A632F

 000000

 637C46

 7C965E

 96B078

 B1CC91

 CDE8AC

 EAFFC8

 1C3400

■ 1E3405

■ 21340A

■ 233410

■ 263415

■ 28341A

■ 2A341F

■ 2D3424

■ 2F342A

■ 32342F

Harmonies

Analogous

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



352E00



1C3400



003719

Triad

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



1C3400



003559



57142A

Complementary

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



1C3400



180034

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.



4D1A41



1C3400



002F5D

Square

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



1C3400



003849



342554



541B13

Rectangle

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



1C3400



00382A



342554



551532

Sweetspot

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



1C3400



3B4530



341700



1E2417



A3A3A3



242424

Same Dimension

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



1C3400



254500



033400



181A17



305900



75D900

Inverse Universe

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



180034



200045



310034



18171A



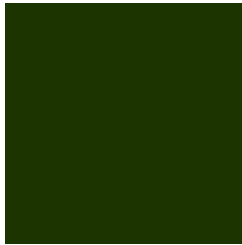
290059



6400D9

Previews

White Background



This preview shows how the Hex color 1C3400 looks on a white background.

Color Contrast Check

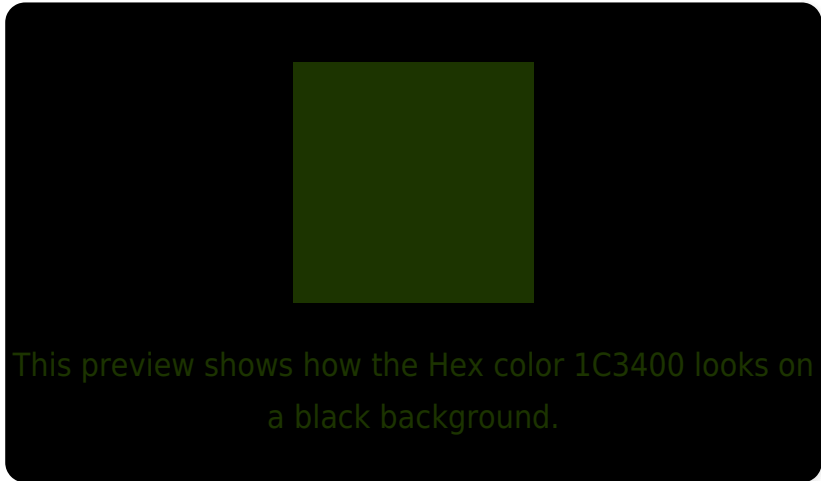
Large Text (above 18pt) WCAG AA ✓ Pass

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

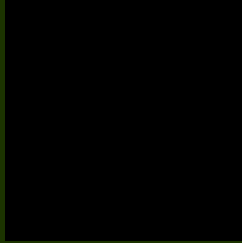
Any Text WCAG AA × Fail

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 1C3400 Background



This preview shows how black text looks on a background with the Hex color 1C3400.



This preview shows how white text looks on a background with the Hex color 1C3400.

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
1C3400

Protanopia
342E00

Deuteranopia
3A2C0A



Tritanopia
223034

Trichromacy



Original Color
1C3400

Protanomaly
2B3000

Deuteranomaly
2F2F06

Tritanomaly
203121

Monochromacy



Original Color
1C3400

Achromatopsia
272727

Achromatomaly
232C19

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3400 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 #1C3400 looks like.

```
.text, #text, p{  
    color:#1C3400  
}
```

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 #1C3400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3400
}
```

Border

The CSS property to change the border of an element to Hex 1C3400 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
#1C3400 }
```

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

```
.border{ border-color:#1C3400 }
```

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

Here you see how a box with a 4 pixel #1C3400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3400; -webkit-box-shadow:4px 4px  
4px 4px #1C3400; box-shadow:4px 4px 4px  
4px #1C3400 }
```

Background

The CSS property to change the background color of an element to Hex 1C3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3400 }
```

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

```
.background{ background-color:#1C3400 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor