

Converting Colors

Hex(1C3504)

Have a look what the booklet for
Hex(1C3504) contains.

Hex(1C3504)	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>	28

Color

Hex(1C3504)

Conversions

Conversions Part 1

Format	Color
Hex	1C3504
RGB	28, 53, 4
RGB Percent	11%, 21%, 2%
CMY	0.8902, 0.7922, 0.9843
CMYK	0.47, 0.00, 0.92, 0.79
HSL	91°, 86%, 11%
HSV	91°, 92%, 21%
XYZ	1.7739, 2.8018, 0.5622
YIQ	39.9390, 0.8290, -20.5390

Conversions

Conversions Part 2

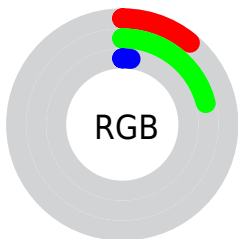
Format	Color
R_YB	4, 53, 29
Decimal	1848580
CIE _{Lab}	19.23, -19.24, 25.12
CIE _{LCh}	19, 31.637, 127.445
Y _{xy}	2.8018, 0.3453, 0.5453
Android (android.graphics.Color)	4280038660 (0xFF1C3504)
Y_{UV}	39.9390, -17.7179, -10.4705
Hunter-Lab	16.7387, -10.3760, 9.7258

Details

The Hex color **1C3504** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1D0435**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4A6432**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A3500**, and if you desaturate by 10%, it is **1F3509**.

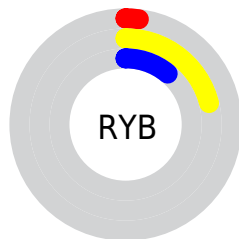
Distribution



Red (11%)

Green (21%)

Blue (2%)



Red (2%)

Yellow (21%)

Blue (11%)

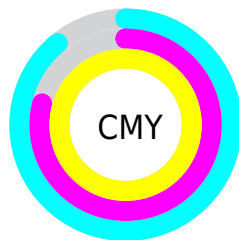


Cyan (47%)

Magenta (0%)

Yellow (92%)

Black (79%)



Cyan (89%)

Magenta (79%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3504 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 1C3504 by changing the saturation by 10% instead.

 1C3504

 1C3504

 FFFFE7

 012000

 4A6432

 000000

 637D49

 7C9762

 97B27B

 B2CD95

 CDE9B0

 EAFFCB

 1C3504

 1C3504

■ 1A3500

■ 1F3509

■ 21350F

■ 243514

■ 273519

■ 2A351F

■ 2C3524

■ 2F3529

■ 32352E

■ 343534

Harmonies

Analogous

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



352F00



1C3504



00381C

Triad

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



1C3504



003659



57162A

Complementary

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



1C3504



1D0435

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.



4E1B41



1C3504



00305D

Square

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



1C3504



00394A



362653



541D14

Rectangle

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



1C3504



00392C



362653



561732

Sweetspot

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



1C3504



3B4532



351D04



1E2418



A3A3A3



242424

Same Dimension

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



1C3504



224500



043504



181A17



2C5900



6AD900

Inverse Universe

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



1D0435



230045



350435



18171A



2E0059



6F00D9

Previews

White Background



This preview shows how the Hex color 1C3504 looks on a white background.

Color Contrast Check

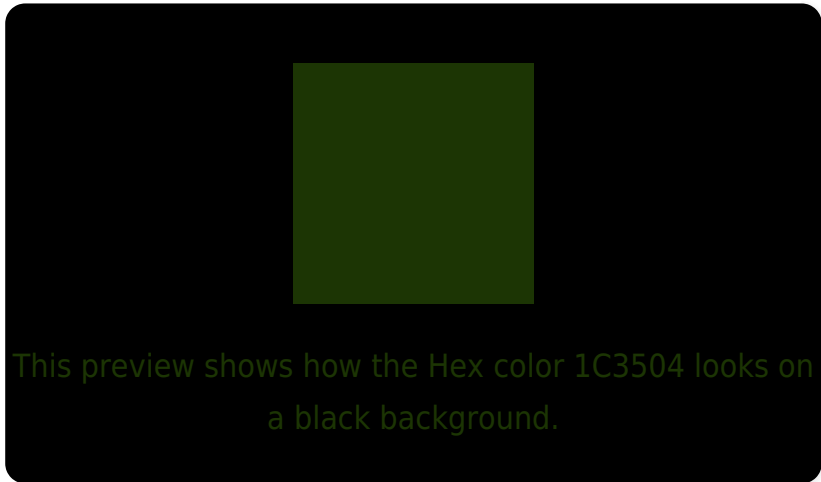
Large Text (above 18pt) WCAG AA ✓ Pass

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

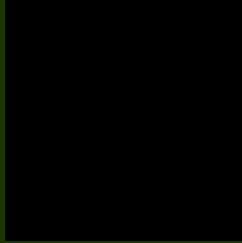
Any Text WCAG AA × Fail

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 1C3504 Background



This preview shows how black text looks on a background with the Hex color 1C3504.



This preview shows how white text looks on a background with the Hex color 1C3504.

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
1C3504

Deuteranopia
3B2C0B

Tritanopia
233135

Trichromacy

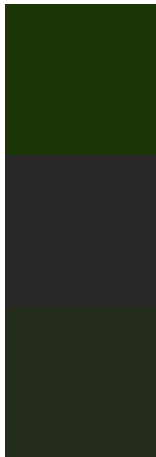


Original Color
1C3504

Deuteranomaly
302F08

Tritanomaly
203223

Monochromacy



Original Color
1C3504

Achromatopsia
282828

Achromatomaly
242D1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3504 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 #1C3504 looks like.

```
.text, #text, p{  
    color:#1C3504  
}
```

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 #1C3504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3504
}
```

Border

The CSS property to change the border of an element to Hex 1C3504 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".

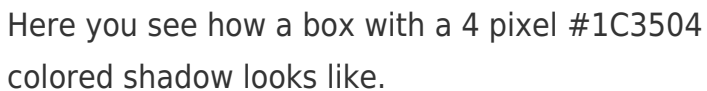
```
.border, #border, table{ border:4px solid
#1C3504 }
```

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

```
.border{ border-color:#1C3504 }
```

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

Here you see how a box with a 4 pixel #1C3504 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3504; -webkit-box-shadow:4px 4px  
4px 4px #1C3504; box-shadow:4px 4px 4px  
4px #1C3504 }
```

Background

The CSS property to change the background color of an element to Hex 1C3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3504 }
```

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

```
.background{ background-color:#1C3504 }
```

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