

# Converting Colors

Hex(1C4304)

Have a look what the booklet for  
Hex(1C4304) contains.

<b>Hex(1C4304)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(1C4304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C4304
RGB	28, 67, 4
RGB Percent	11%, 26%, 2%
CMY	0.8902, 0.7373, 0.9843
CMYK	0.58, 0.00, 0.94, 0.74
HSL	97°, 89%, 14%
HSV	97°, 94%, 26%
XYZ	2.5080, 4.2700, 0.8069
YIQ	48.1570, -3.0210, -27.8610

# Conversions

## Conversions Part 2

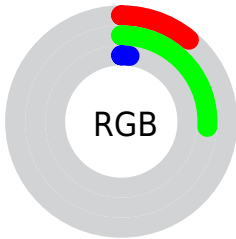
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 67, 43
Decimal	1852164
CIE Lab	24.54, -25.91, 30.78
CIE LCh	25, 40.229, 130.088
Yxy	4.2700, 0.3307, 0.5630
Android (android.graphics.Color)	4280042244 (0xFF1C4304)
YUV	48.1570, -21.7694, -17.6777
Hunter-Lab	20.6639, -14.4973, 12.1496

# Details

The Hex color **1C4304** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B0443**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4D7434**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **1A4300**, and if you desaturate by 10%, it is **20430B**.

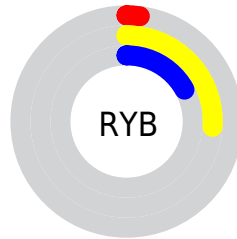
# Distribution



Red (11%)

Green (26%)

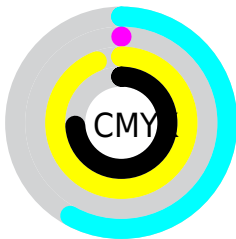
Blue (2%)



Red (2%)

Yellow (26%)

Blue (17%)

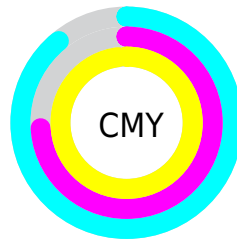


Cyan (58%)

Magenta (0%)

Yellow (94%)

Black (74%)



Cyan (89%)

Magenta (74%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C4304 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 1C4304 by changing the saturation by 10% instead.



 1C4304

 1C4304

 FFFFEB

 042C00

 4D7434

 001900

 668D4B

 000000

 80A864

 9BC37D

 B6DF98

 D2FCB3

 EFFFCE

 1C4304

 1C4304

■ 1A4300

■ 20430B

■ 244311

■ 284318

■ 2D431F

■ 314326

■ 35432C

■ 394333

■ 3D433A

■ 414340

# Harmonies

## Analogous

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



3F3C00



1C4304



004724

# Triad

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



1C4304



004373



6F1831

# Complementary

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



1C4304



2B0443

# 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.



651D50



1C4304



003B76

# Square

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



1C4304



004761



482D69



692314

# Rectangle

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



1C4304



004839



482D69



6E173C



# Sweetspot

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



1C4304



48573E



432B04



222B1D



ABABAB



2B2B2B



# Same Dimension

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



1C4304



215700



04430B



1F211E



256100



55E000



# Inverse Universe

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



2B0443



360057



43043C



201E21



3C0061

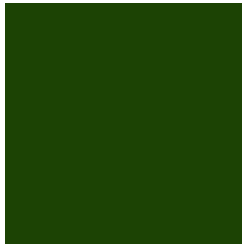


8B00E0



# Previews

## White Background



This preview shows how the Hex color 1C4304 looks on a white background.

## Color Contrast Check

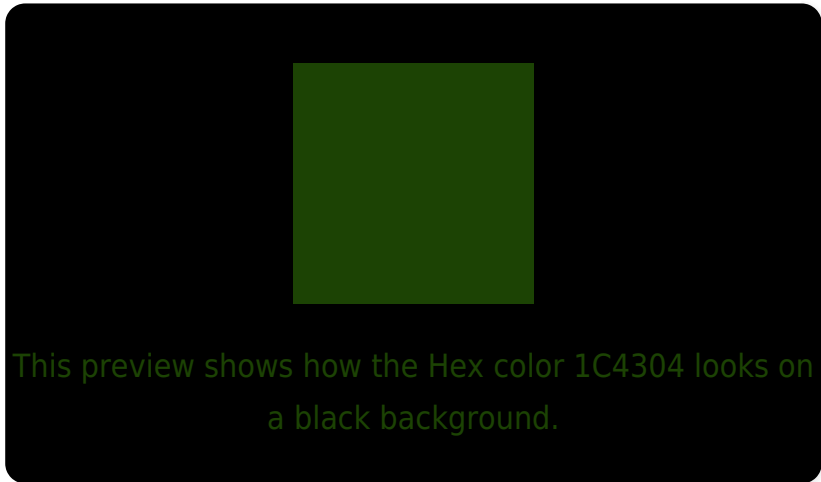
Large Text (above 18pt) WCAG AA ✓ Pass

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

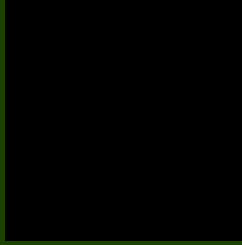
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C4304 Background



This preview shows how black text looks on a background with the Hex color 1C4304.



This preview shows how white text looks on a background with the Hex color 1C4304.

# 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](#).

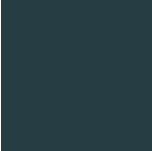
## Dichromacy



**Original Color**  
1C4304

**Protanopia**  
423B00

**Deuteranopia**  
49370E



**Tritanopia**  
263E43

# Trichromacy



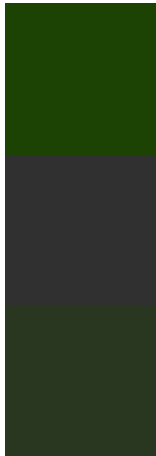
**Original Color**  
1C4304

**Protanomaly**  
343E01

**Deuteranomaly**  
393B0A

**Tritanomaly**  
22402C

# Monochromacy



**Original Color**  
1C4304

**Achromatopsia**  
303030

**Achromatomaly**  
293720

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C4304 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 #1C4304 looks like.

```
.text, #text, p{  
    color:#1C4304  
}
```

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 #1C4304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4304
}
```

## Border

The CSS property to change the border of an element to Hex 1C4304 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
#1C4304 }
```

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

```
.border{ border-color:#1C4304 }
```

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

Here you see how a box with a 4 pixel #1C4304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4304; -webkit-box-shadow:4px 4px  
4px 4px #1C4304; box-shadow:4px 4px 4px  
4px #1C4304 }
```

# Background

The CSS property to change the background color of an element to Hex 1C4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4304 }
```

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

```
.background{ background-color:#1C4304 }
```

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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