

# Converting Colors

Hex(1C4D08)

Have a look what the booklet for  
Hex(1C4D08) contains.

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# Color

Hex(1C4D08)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C4D08
RGB	28, 77, 8
RGB Percent	11%, 30%, 3%
CMY	0.8902, 0.6980, 0.9686
CMYK	0.64, 0.00, 0.90, 0.70
HSL	103°, 81%, 17%
HSV	103°, 90%, 30%
XYZ	3.1766, 5.5722, 1.1378
YIQ	54.4830, -7.0550, -31.8470

# Conversions

## Conversions Part 2

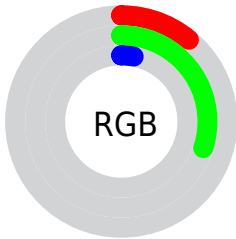
Format	Color
<a href="#">RYB</a>	<a href="#">8, 77, 57</a>
Decimal	<a href="#">1854728</a>
CIELab	<a href="#">28.31, -29.92, 32.66</a>
CIELCh	<a href="#">28, 44.296, 132.488</a>
Yxy	<a href="#">5.5722, 0.3213, 0.5636</a>
Android (android.graphics.Color)	<a href="#">4280044808</a> (0xFF1C4D08)
YUV	<a href="#">54.4830, -22.9161, -23.2256</a>
Hunter-Lab	<a href="#">23.6054, -17.2887, 13.6659</a>

# Details

The Hex color **1C4D08** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **39084D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4F7F39**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **174D00**, and if you desaturate by 10%, it is **214D10**.

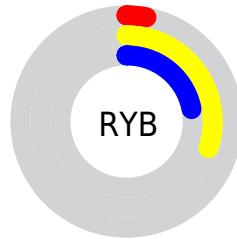
# Distribution



Red (11%)

Green (30%)

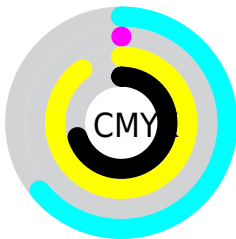
Blue (3%)



Red (3%)

Yellow (30%)

Blue (22%)

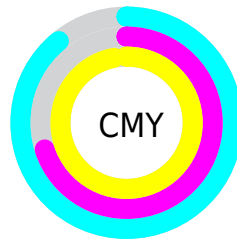


Cyan (64%)

Magenta (0%)

Yellow (90%)

Black (70%)



Cyan (89%)

Magenta (70%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C4D08 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 1C4D08 by changing the saturation by 10% instead.



 1C4D08

 1C4D08


 FFFFF2

 023600

 4F7F39

 002200

 699951

 000000

 83B46A

 9ECF83

 B9EC9E

 D6FFB9

 F2FFD5

 1C4D08

 1C4D08

■ 174D00

■ 214D10

■ 164D00

■ 274D17

■ 2C4D1F

■ 324D27

■ 374D2F

■ 3D4D36

■ 424D3E

■ 484D46

■ 4D4D4D

# Harmonies

## Analogous

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



454600



1C4D08



00512D

# Triad

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



1C4D08



004C84



7F1C36

# Complementary

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



1C4D08



39084D

# 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.



752158



1C4D08



004286

# Square

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



1C4D08



005170



553276



772A16

# Rectangle

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



1C4D08



005245



553276



7E1B41



# Sweetspot

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



1C4D08



506349



4D3808



273323



B3B3B3



333333



# Same Dimension

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



1C4D08



1D6300



084D16



242622



1E6600



43E600



# Inverse Universe

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



39084D



470063



4D083F



252226



480066

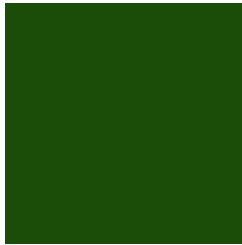


A300E6



# Previews

## White Background



This preview shows how the Hex color 1C4D08 looks on a white background.

## Color Contrast Check

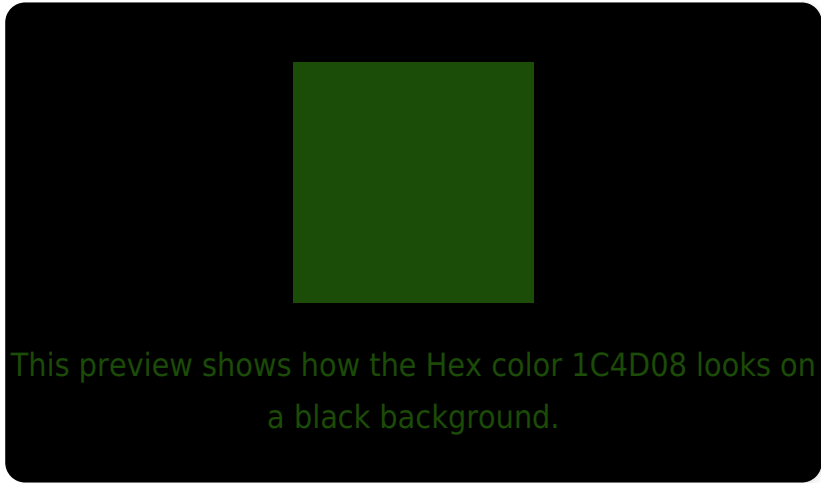
Large Text (above 18pt) WCAG AA ✓ Pass

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

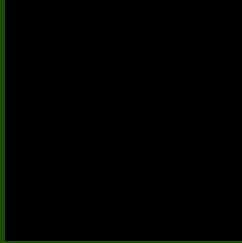
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C4D08 Background



This preview shows how black text looks on a background with the Hex color 1C4D08.



This preview shows how white text looks on a background with the Hex color 1C4D08.

# 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](#).

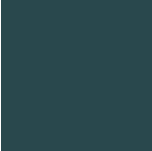
## Dichromacy



**Original Color**  
1C4D08

**Protanopia**  
4B4303

**Deuteranopia**  
543F12



**Tritanopia**  
29484D

# Trichromacy



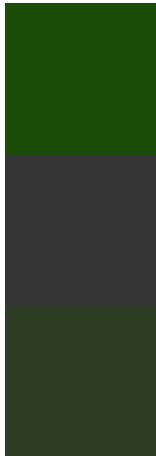
**Original Color**  
1C4D08

**Protanomaly**  
3A4705

**Deuteranomaly**  
40440E

**Tritanomaly**  
244A34

# Monochromacy



**Original Color**  
1C4D08

**Achromatopsia**  
363636

**Achromatomaly**  
2D3E25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C4D08 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 #1C4D08 looks like.

```
.text, #text, p{  
    color:#1C4D08  
}
```

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 #1C4D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4D08
}
```

## Border

The CSS property to change the border of an element to Hex 1C4D08 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".

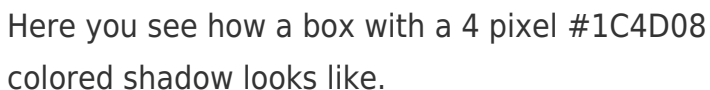
```
.border, #border, table{ border:4px solid
#1C4D08 }
```

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

```
.border{ border-color:#1C4D08 }
```

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

Here you see how a box with a 4 pixel #1C4D08 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4D08; -webkit-box-shadow:4px 4px  
4px 4px #1C4D08; box-shadow:4px 4px 4px  
4px #1C4D08 }
```

# Background

The CSS property to change the background color of an element to Hex 1C4D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4D08 }
```

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

```
.background{ background-color:#1C4D08 }
```

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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