

# Converting Colors

Hex(1C1A14)

Have a look what the booklet for  
Hex(1C1A14) contains.

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# Color

**Hex(1C1A14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C1A14
RGB	28, 26, 20
RGB Percent	11%, 10%, 8%
CMY	0.8902, 0.8980, 0.9216
CMYK	0.00, 0.07, 0.29, 0.89
HSL	45°, 17%, 9%
HSV	45°, 29%, 11%
XYZ	0.9746, 1.0362, 0.8105
YIQ	25.9140, 3.1180, -1.4420

# Conversions

## Conversions Part 2

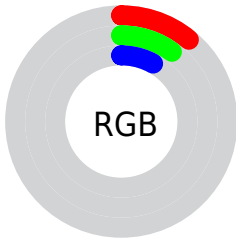
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 28, 20
Decimal	1841684
CIELab	9.29, -0.38, 4.42
CIELCh	9, 4.440, 94.927
Yxy	1.0362, 0.3454, 0.3673
Android (android.graphics.Color)	4280031764 (0xFF1C1A14)
YUV	25.9140, -2.9156, 1.8294
Hunter-Lab	10.1793, -0.7243, 2.4049

# Details

The Hex color **1C1A14** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **14161C**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **47453E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C1911**, and if you desaturate by 10%, it is **1C1B17**.

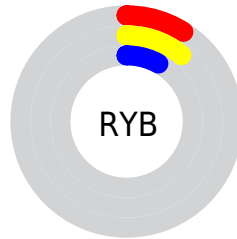
# Distribution



Red (11%)

Green (10%)

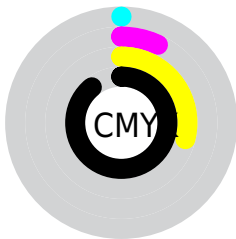
Blue (8%)



Red (9%)

Yellow (11%)

Blue (8%)

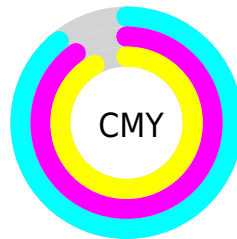


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (89%)



Cyan (89%)

Magenta (90%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C1A14 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 1C1A14 by changing the saturation by 10% instead.



■ 1C1A14

■ 1C1A14

■ FFFDF4

■ 000000

■ 47453E

■ 5F5C55

■ 78756E

■ 918F87

■ ACA9A1

■ C7C4BC

■ E3E0D8

■ 1C1A14

■ 1C1A14

■ 1C1911

■ 1C1B17

■ 1C190E

■ 1C1B1A

■ 1C180C

■ 1C1C1C

■ 1C1709

■ 1C1D1F

■ 1C1706

■ 1C1E22

■ 1C1603

■ 1C1E25

■ 1C1500

■ 1C1F28

■ 1C202A

■ 1C202D

# Harmonies

## Analogous

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



1F1915



1C1A14



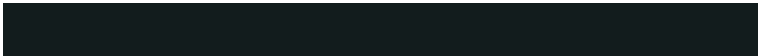
191B15

# Triad

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



1C1A14



121C1D



1E181D

# Complementary

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



1C1A14



14161C

# 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.



1B191F



1C1A14



141B1F

# Square

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



1C1A14



131C1A



171A20



20181A

# Rectangle

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



1C1A14



161B17



171A20



1D191E



# Sweetspot

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



1C1A14



242320



1C1416



121110



919191



121212



# Same Dimension

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



1C1A14



242118



1A1C14



0D0C0B



4D3900



CC9900



# Inverse Universe

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



14161C



181B24



16141C



0B0C0D



00134D

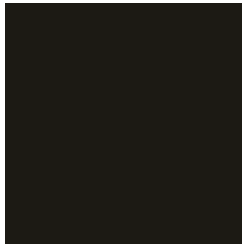


0033CC



# Previews

## White Background



This preview shows how the Hex color 1C1A14 looks on a white background.

## Color Contrast Check

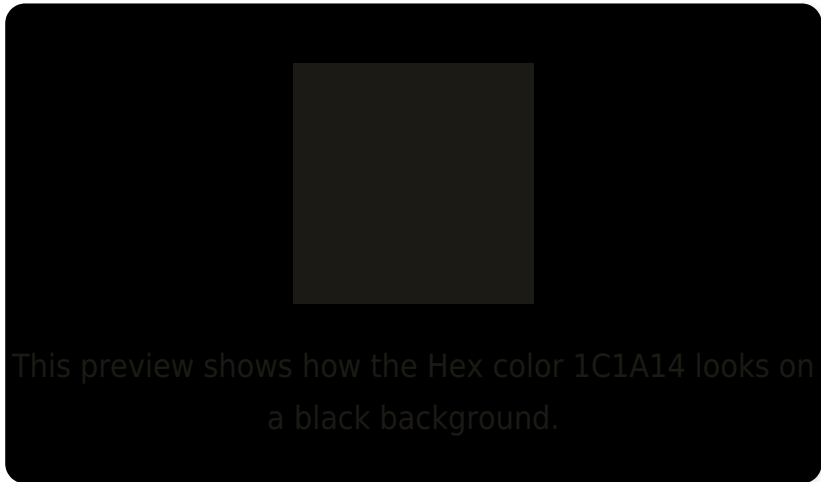
Large Text (above 18pt) WCAG AA ✓ Pass

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

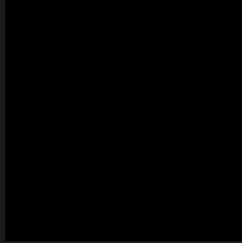
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C1A14 Background



This preview shows how black text looks on a background with the Hex color 1C1A14.



This preview shows how white text looks on a background with the Hex color 1C1A14.

# 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**  
1C1A14

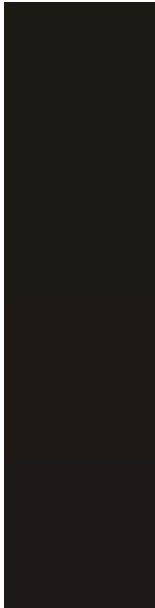
**Protanopia**  
1C1A14

**Deuteranopia**  
1F1914



**Tritanopia**  
1D191B

# Trichromacy



**Original Color**

1C1A14

**Protanomaly**

1C1A14

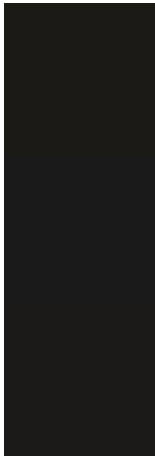
**Deuteranomaly**

1E1914

**Tritanomaly**

1D1918

# Monochromacy



**Original Color**

1C1A14

**Achromatopsia**

1A1A1A

**Achromatomaly**

1B1A18

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C1A14 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 #1C1A14 looks like.

```
.text, #text, p{  
    color:#1C1A14  
}
```

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 #1C1A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1A14
}
```

## Border

The CSS property to change the border of an element to Hex 1C1A14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

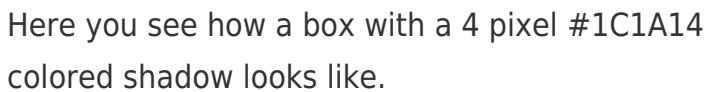
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C1A14 }
```

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

```
.border{ border-color:#1C1A14 }
```

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



Here you see how a box with a 4 pixel #1C1A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1A14; -webkit-box-shadow:4px 4px  
4px 4px #1C1A14; box-shadow:4px 4px 4px  
4px #1C1A14 }
```

# Background

The CSS property to change the background color of an element to Hex 1C1A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1A14 }
```

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

```
.background{ background-color:#1C1A14 }
```

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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