

Converting Colors

Hex(1C0308)

Have a look what the booklet for
Hex(1C0308) contains.

Hex(1C0308)	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(1C0308)

Conversions

Conversions Part 1

Format	Color
Hex	1C0308
RGB	28, 3, 8
RGB Percent	11%, 1%, 3%
CMY	0.8902, 0.9882, 0.9686
CMYK	0.00, 0.89, 0.71, 0.89
HSL	348°, 81%, 6%
HSV	348°, 89%, 11%
XYZ	0.5553, 0.3295, 0.2641
YIQ	11.0450, 13.2950, 6.8550

Conversions

Conversions Part 2

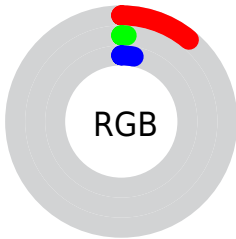
Format	Color
RYB	28, 3, 8
Decimal	1835784
CIELab	2.98, 9.92, 1.36
CIELCh	3, 10.008, 7.781
Yxy	0.3295, 0.4833, 0.2868
Android (android.graphics.Color)	4280025864 (0xFF1C0308)
YUV	11.0450, -1.5012, 14.8695
Hunter-Lab	5.7405, 7.2205, 1.2910

Details

The Hex color **1C0308** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031C17**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **463135**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C0006**, and if you desaturate by 10%, it is **1C060A**.

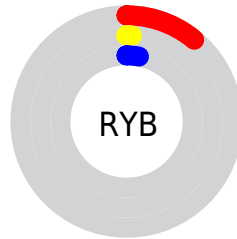
Distribution



Red (11%)

Green (1%)

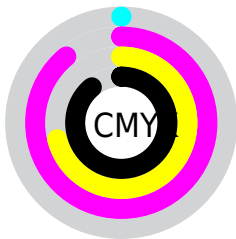
Blue (3%)



Red (11%)

Yellow (1%)

Blue (3%)

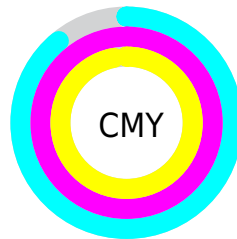


Cyan (0%)

Magenta (89%)

Yellow (71%)

Black (89%)



Cyan (89%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0308 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 1C0308 by changing the saturation by 10% instead.

 1C0308

 1C0308


 FFE4E9

 000000

 463135

 5E484C

 776064

 91797C

 AB9296

 C7ADB1

 E3C8CC

 1C0308

 1C0308

■ 1C0006

■ 1C060A

■ 1C090C

■ 1C0B0F

■ 1C0E11

■ 1C1113

■ 1C1415

■ 1C1718

■ 1C191A

■ 1C1C1C

Harmonies

Analogous

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



180412



1C0308



1C0400

Triad

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



1C0308



010F00



000E1A

Complementary

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



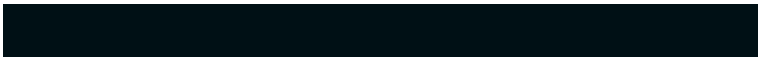
1C0308



031C17

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.



001015



1C0308



001001

Square

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



1C0308



0D0B00



00110D



030B1B

Rectangle

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



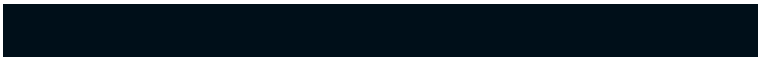
1C0308



180600



00110D



000F19

Sweetspot

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



1C0308



241A1C



17031C



120C0D



919191



121212

Same Dimension

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



1C0308



240007



1C0B03



0D0B0C



4D000F



CC0029

Inverse Universe

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



1C0308



240007



03141C



0D0B0C



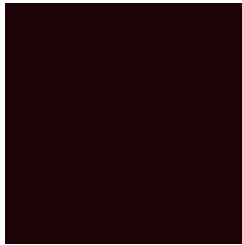
4D000F



CC0029

Previews

White Background



This preview shows how the Hex color 1C0308 looks on a white background.

Color Contrast Check

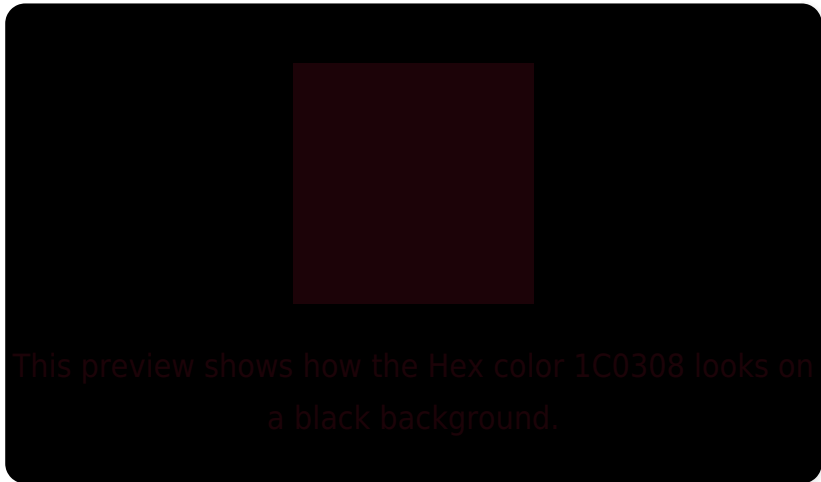
Large Text (above 18pt) WCAG AA ✓ Pass

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

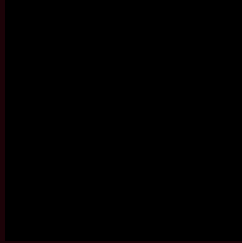
Any Text WCAG AA × Fail

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 1C0308 Background



This preview shows how black text looks on a background with the Hex color 1C0308.

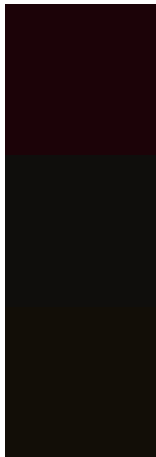


This preview shows how white text looks on a background with the Hex color 1C0308.

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](#).

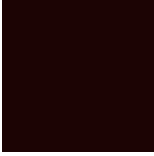
Dichromacy



Original Color
1C0308

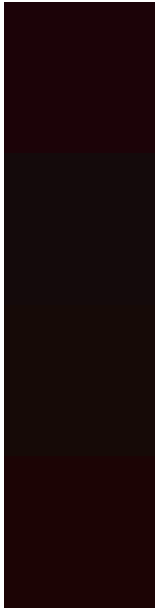
Protanopia
0F0E0C

Deuteranopia
120E07



Tritanopia
1C0404

Trichromacy



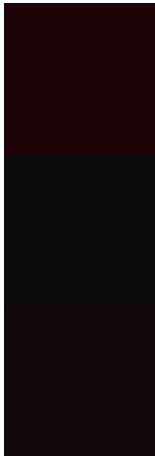
Original Color
1C0308

Protanomaly
140A0B

Deuteranomaly
160A07

Tritanomaly
1C0405

Monochromacy



Original Color
1C0308

Achromatopsia
0B0B0B

Achromatomaly
11080A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0308 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 #1C0308 looks like.

```
.text, #text, p{  
    color:#1C0308  
}
```

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 #1C0308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0308
}
```

Border

The CSS property to change the border of an element to Hex 1C0308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

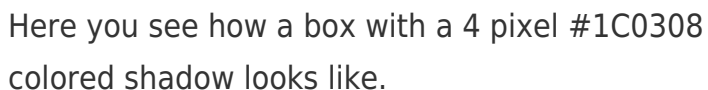
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C0308 }
```

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

```
.border{ border-color:#1C0308 }
```

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



Here you see how a box with a 4 pixel #1C0308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0308; -webkit-box-shadow:4px 4px  
4px 4px #1C0308; box-shadow:4px 4px 4px  
4px #1C0308 }
```

Background

The CSS property to change the background color of an element to Hex 1C0308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0308 }
```

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

```
.background{ background-color:#1C0308 }
```

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