

Converting Colors

Hex(C08103)

Have a look what the booklet for
Hex(C08103) contains.

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Color

Hex(C08103)

Conversions

Conversions Part 1

Format	Color
Hex	C08103
RGB	192, 129, 3
RGB Percent	75%, 51%, 1%
CMY	0.2471, 0.4941, 0.9882
CMYK	0.00, 0.33, 0.98, 0.25
HSL	40°, 97%, 38%
HSV	40°, 98%, 75%
XYZ	29.6049, 26.9136, 3.7206
YIQ	133.4730, 77.9940, -25.8300

Conversions

Conversions Part 2

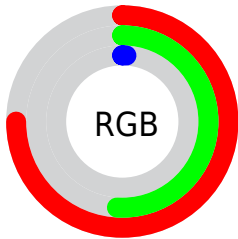
Format	Color
R_{YB}	98, 192, 3
Decimal	12615939
CIE _{Lab}	58.89, 16.11, 64.23
CIE _{LCh}	59, 66.217, 75.918
Yxy	26.9136, 0.4915, 0.4468
Android (android.graphics.Color)	4290806019 (0xFFC08103)
YUV	133.4730, -64.3232, 51.3282
Hunter-Lab	51.8783, 11.0760, 32.0626

Details

The Hex color **C08103** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **0342C0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FDB646**, and **855000** is the 20% darker color. If you saturate the color by 10%, you get **C08000**, and if you desaturate by 10%, it is **C08716**.

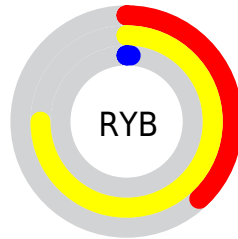
Distribution



Red (75%)

Green (51%)

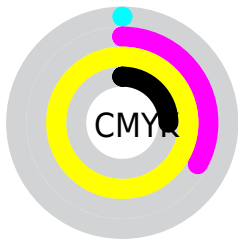
Blue (1%)



Red (38%)

Yellow (75%)

Blue (1%)

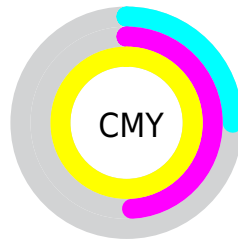


Cyan (0%)

Magenta (33%)

Yellow (98%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C08103 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 C08103 by changing the saturation by 10% instead.

 C08103

 C08103

FFFFFF

 A26800

 FDB646

 855000

 FFD162

 683900

 FFEE7D

 4C2300

 FFFF98

 310F00

 FFFFB4

 180001

 FFFFD0

 000000

 FFFFED

 C08103

 C08103

■ C08000

■ C08716

■ C08E29

■ C0943D

■ C09B50

■ C0A163

■ C0A776

■ C0AE89

■ C0B49D

■ C0BBB0

Harmonies

Analogous

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



E5683B



C08103



8C9400

Triad

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



C08103



00A9AC



B770DF

Complementary

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



C08103



0342C0

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.



4E8AFE



C08103



00A6E0

Square

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



C08103



00A76F



009CFF



E857AC

Rectangle

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



C08103



629D23



009CFF



9D79ED

Sweetspot

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



C08103



FAE1AF



C00342



7D6E50



FCFCFC



7D7D7D

Same Dimension

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



C08103



FAA700



A0C003



615E57



A16B00



211600

Inverse Universe

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



0342C0



0053FA



2203C0



575A61



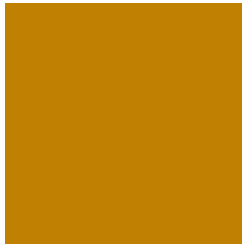
0036A1



000B21

Previews

White Background



This preview shows how the Hex color C08103 looks on a white background.

Color Contrast Check

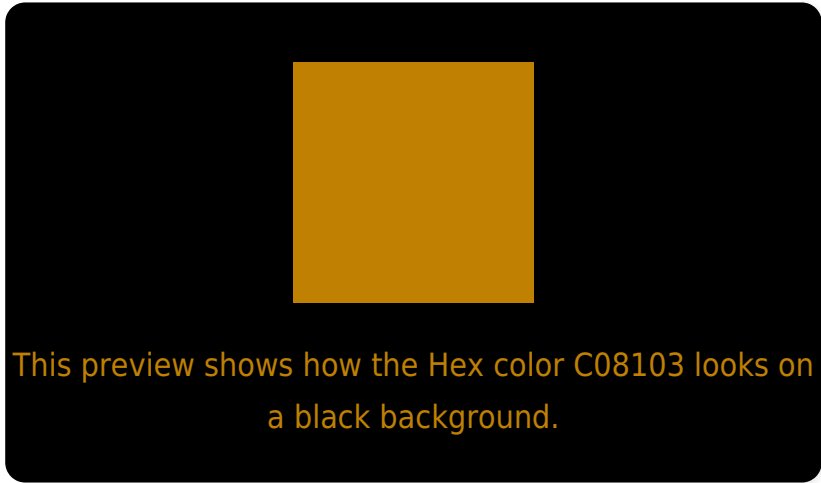
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex C08103 Background



This preview shows how black text looks on a background with the Hex color C08103.



This preview shows how white text looks on a background with the Hex color C08103.

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
C08103

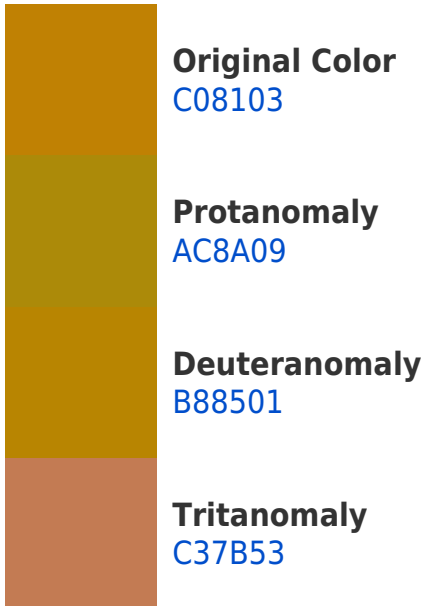
Protanopia
A08F0D

Deuteranopia
B48700

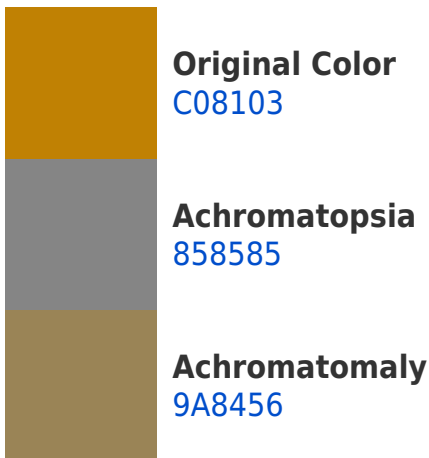


Tritanopia
C57881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C08103 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 #C08103 looks like.

```
.text, #text, p{  
    color:#C08103  
}
```

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 #C08103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C08103
}
```

Border

The CSS property to change the border of an element to Hex C08103 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
#C08103 }
```

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

```
.border{ border-color:#C08103 }
```

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

Here you see how a box with a 4 pixel #C08103 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C08103; -webkit-box-shadow:4px 4px  
4px 4px #C08103; box-shadow:4px 4px 4px  
4px #C08103 }
```

Background

The CSS property to change the background color of an element to Hex C08103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C08103 }
```

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

```
.background{ background-color:#C08103 }
```

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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