

Converting Colors

Hex(CC8233)

Have a look what the booklet for
Hex(CC8233) contains.

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Color

Hex(CC8233)

Conversions

Conversions Part 1

Format	Color
Hex	CC8233
RGB	204, 130, 51
RGB Percent	80%, 51%, 20%
CMY	0.2000, 0.4902, 0.8000
CMYK	0.00, 0.36, 0.75, 0.20
HSL	31°, 60%, 50%
HSV	31°, 75%, 80%
XYZ	33.4820, 29.0416, 6.9729
YIQ	143.1200, 69.4630, -8.8810

Conversions

Conversions Part 2

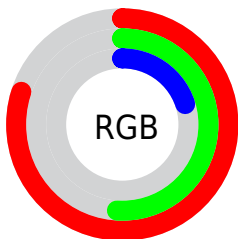
Format	Color
RYB	194, 204, 51
Decimal	13402675
CIELab	60.82, 22.01, 52.43
CIELCh	61, 56.862, 67.226
Yxy	29.0416, 0.4818, 0.4179
Android (android.graphics.Color)	4291592755 (0xFFCC8233)
YUV	143.1200, -45.4152, 53.3918
Hunter-Lab	53.8903, 16.5939, 30.0517

Details

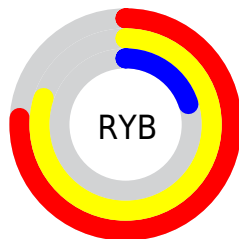
The Hex color **CC8233** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **337DCC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB766**, and **915000** is the 20% darker color. If you saturate the color by 10%, you get **CC781F**, and if you desaturate by 10%, it is **CC8C47**.

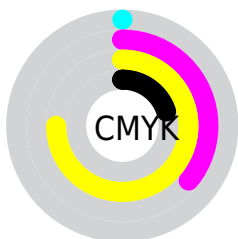
Distribution



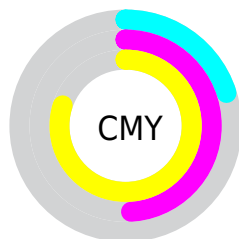
- Red (80%)
- Green (51%)
- Blue (20%)



- Red (76%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC8233 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 CC8233 by changing the saturation by 10% instead.

 CC8233

 CC8233

FFFFFF

 AE6918

 FFB766

 915000

 FFD380

 743900

 FFEF9B

 572300

 FFFFB7

 3C0D00

 FFFFD3

 250001

 FFFFF0

 000000

 CC8233

 CC8233

 CC781F

 CC8C47

 CC6E0A

 CC965C

 CC6900

 CCA070

 CCA985

 CCB399

 CCBDAD

 CCC7C2

 CCD1D6

 CCDBEB

Harmonies

Analogous

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



E86E59



CC8233



A29425

Triad

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



CC8233



00AB9E



A580E3

Complementary

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



CC8233



337DCC

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.



3F94F7



CC8233



00A9CE

Square

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



CC8233



00A86A



00A2EF



D96CBB

Rectangle

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



CC8233



809D32



00A2EF



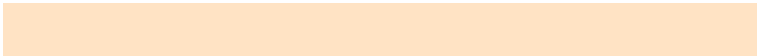
8B87EC

Sweetspot

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



CC8233



FFE3C4



CC3380



806E5C



000000



808080

Same Dimension

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



CC8233



FF9019



CCCC33



66615C



A65600



261400

Inverse Universe

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



337DCC



1989FF



3333CC



5C6166



0050A6



001326

Previews

White Background



This preview shows how the Hex color CC8233 looks on a white background.

Color Contrast Check

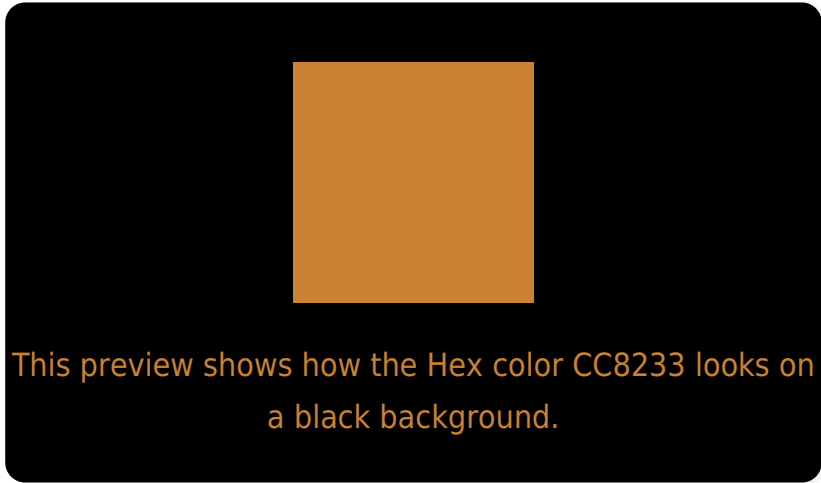
Large Text (above 18pt) WCAG AA ✓ Pass

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

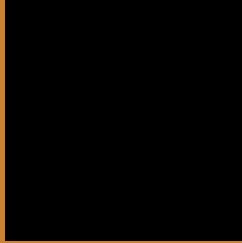
Any Text WCAG AA ✓ Pass

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 CC8233 Background



This preview shows how black text looks on a background with the Hex color CC8233.




This preview shows how white text looks on a background with the Hex color CC8233.

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](#).

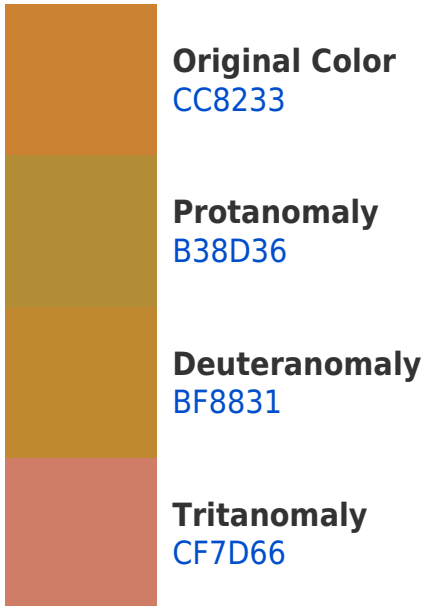
Dichromacy





Tritanopia
D17A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC8233 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 #CC8233 looks like.

```
.text, #text, p{  
    color:#CC8233  
}
```

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 #CC8233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8233
}
```

Border

The CSS property to change the border of an element to Hex CC8233 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
#CC8233 }
```

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

```
.border{ border-color:#CC8233 }
```

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

Here you see how a box with a 4 pixel #CC8233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8233; -webkit-box-shadow:4px 4px  
4px 4px #CC8233; box-shadow:4px 4px 4px  
4px #CC8233 }
```

Background

The CSS property to change the background color of an element to Hex CC8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8233 }
```

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

```
.background{ background-color:#CC8233 }
```

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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