

Converting Colors

Hex(C77236)

Have a look what the booklet for
Hex(C77236) contains.

Hex(C77236)	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(C77236)

Conversions

Conversions Part 1

Format	Color
Hex	C77236
RGB	199, 114, 54
RGB Percent	78%, 45%, 21%
CMY	0.2196, 0.5529, 0.7882
CMYK	0.00, 0.43, 0.73, 0.22
HSL	25°, 57%, 50%
HSV	25°, 73%, 78%
XYZ	30.2364, 24.4431, 6.6144
YIQ	132.5750, 69.9200, -0.6400

Conversions

Conversions Part 2

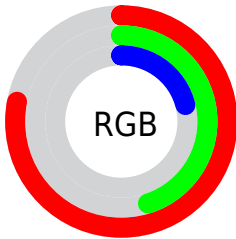
Format	Color
RYB	199, 156, 54
Decimal	13070902
CIELab	56.53, 28.70, 46.43
CIElCh	57, 54.583, 58.277
Yxy	24.4431, 0.4933, 0.3988
Android (android.graphics.Color)	4291260982 (0xFFC77236)
YUV	132.5750, -38.7375, 58.2547
Hunter-Lab	49.4399, 22.6467, 26.6758

Details

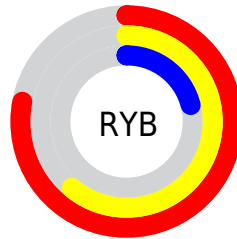
The Hex color **C77236** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **368BC7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA768**, and **8C4102** is the 20% darker color. If you saturate the color by 10%, you get **C76622**, and if you desaturate by 10%, it is **C77E4A**.

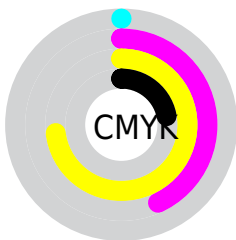
Distribution



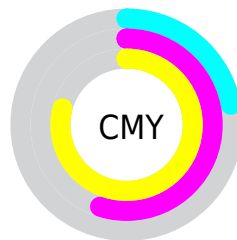
- Red (78%)
- Green (45%)
- Blue (21%)



- Red (78%)
- Yellow (61%)
- Blue (21%)



- Cyan (0%)
- Magenta (43%)
- Yellow (73%)
- Black (22%)



- Cyan (22%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C77236 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 C77236 by changing the saturation by 10% instead.

 C77236

 C77236

FFFFFF

 A9591D

 FFA768

 8C4102

 FFC282

 6F2900

 FFDE9C

 521200

 FFFBB8

 370000

 FFFFFD4

 1B0001

 FFFFFFF0

 000000

 C77236

 C77236

 C76622

 C77E4A

 C75B0E

 C7895E

 C75200

 C79572

 C7A186

 C7AC9A

 C7B8AD

 C7C4C1

 C7CFD5

 C7DBE9

Harmonies

Analogous

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



DC615D



C77236



A3841F

Triad

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



C77236



009E83



837CDC

Complementary

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



C77236



368BC7

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.



008EE7



C77236



009EB3

Square

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



C77236



2F9A53



0099D8



BF68BA

Rectangle

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



C77236



858E24



0099D8



6683E2

Sweetspot

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



C77236



FFDEC7



C7368D



806C5E



000000



808080

Same Dimension

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



C77236



FF7D21



C7B936



635E5A



A34400



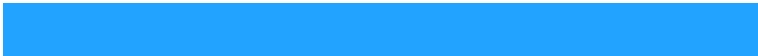
240F00

Inverse Universe

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



368BC7



21A3FF



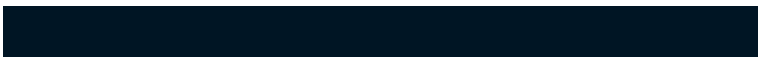
3644C7



5A5F63



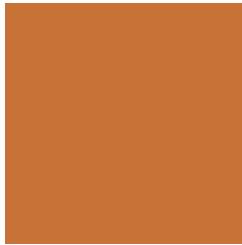
0060A3



001524

Previews

White Background



This preview shows how the Hex color C77236 looks on a white background.

Color Contrast Check

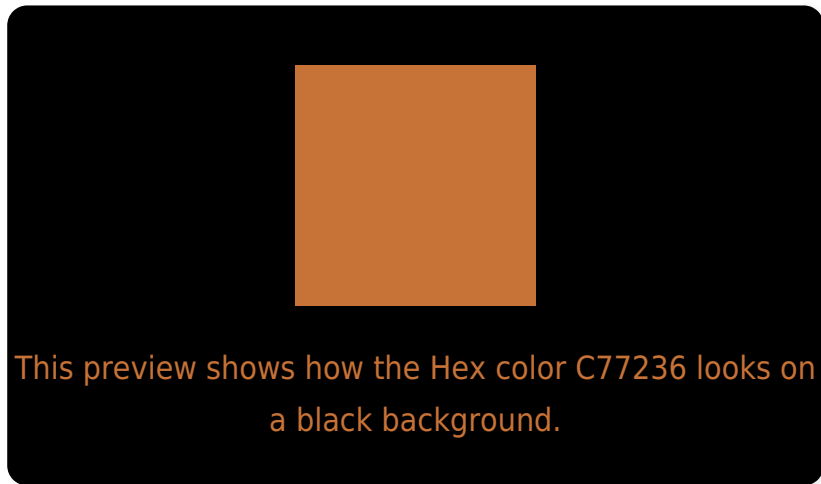
Large Text (above 18pt) WCAG AA ✓ Pass

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 C77236 Background



This preview shows how black text looks on a background with the Hex color C77236.

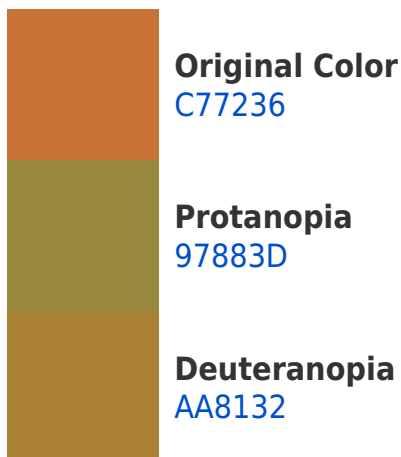


This preview shows how white text looks on a background with the Hex color C77236.

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](#).

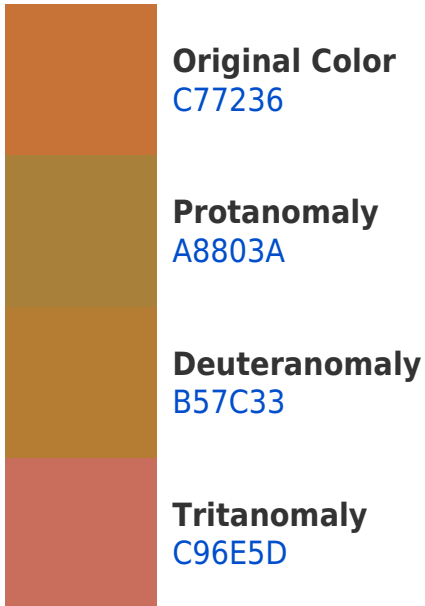
Dichromacy



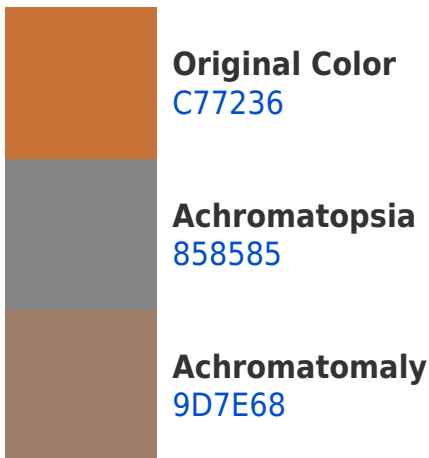


Tritanopia
CA6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C77236 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 #C77236 looks like.

```
.text, #text, p{  
    color:#C77236  
}
```

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 #C77236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77236
}
```

Border

The CSS property to change the border of an element to Hex C77236 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
#C77236 }
```

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

```
.border{ border-color:#C77236 }
```

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

Here you see how a box with a 4 pixel #C77236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77236; -webkit-box-shadow:4px 4px  
4px 4px #C77236; box-shadow:4px 4px 4px  
4px #C77236 }
```

Background

The CSS property to change the background color of an element to Hex C77236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77236 }
```

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

```
.background{ background-color:#C77236 }
```

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