

Converting Colors

Hex(C27836)

Have a look what the booklet for
Hex(C27836) contains.

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Color

Hex(C27836)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C27836 |
| RGB | 194, 120, 54 |
| RGB Percent | 76%, 47%, 21% |
| CMY | 0.2392, 0.5294, 0.7882 |
| CMYK | 0.00, 0.38, 0.72, 0.24 |
| HSL | 28°, 56%, 49% |
| HSV | 28°, 72%, 76% |
| XYZ | 29.6305, 25.1686, 6.7864 |
| YIQ | 134.6020, 65.2900, -4.8380 |

Conversions

Conversions Part 2

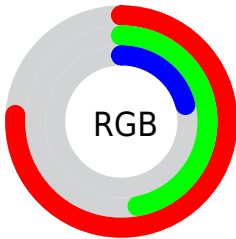
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 179, 54 |
| Decimal | 12744758 |
| CIELab | 57.24, 23.34, 46.98 |
| CIElCh | 57, 52.457, 63.578 |
| Yxy | 25.1686, 0.4811, 0.4087 |
| Android (android.graphics.Color) | 4290934838 (0xFFC27836) |
| YUV | 134.6020, -39.7368, 52.0920 |
| Hunter-Lab | 50.1683, 17.6312, 27.0976 |

Details

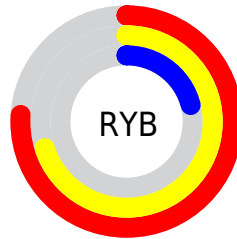
The Hex color **C27836** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3680C2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFAD68**, and **874700** is the 20% darker color. If you saturate the color by 10%, you get **C26E23**, and if you desaturate by 10%, it is **C28249**.

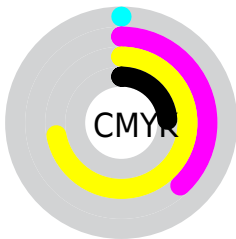
Distribution



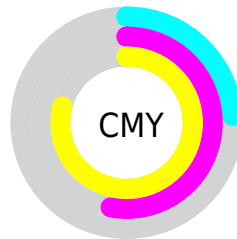
- Red (76%)
- Green (47%)
- Blue (21%)



- Red (76%)
- Yellow (70%)
- Blue (21%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C27836 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 C27836 by changing the saturation by 10% instead.

 C27836

 C27836

FFFFFF

 A45F1D

 FFAD68

 874700

 FFC882

 6B3000

 FFE49D

 4F1A00

 FFFFB8

 340400

 FFFFD4

 180001

 FFFFF1

 000000

 C27836

 C27836

 C26E23

 C28249

 C2630F

 C28D5D

 C25B00

 C29770

 C2A184

 C2AB97

 C2B6AA

 C2C0BE

 C2CAD1

 C2D4E5

Harmonies

Analogous

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



D96759



C27836



9D8926

Triad

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



C27836



00A08E



927BD6

Complementary

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



C27836



3680C2

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.



2D8DE5



C27836



009FBB

Square

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



C27836



239D5F



0099DB



C568B3

Rectangle

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



C27836



7F922F



0099DB



7A81DE

Sweetspot

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



C27836



FCDFC5



C23681



806E5E



000000



808080

Same Dimension

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



C27836



FC8821



C2BD36



615C57



A14C00



211000

Inverse Universe

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



3680C2



2195FC



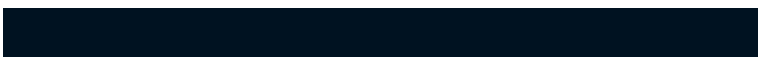
363BC2



575C61



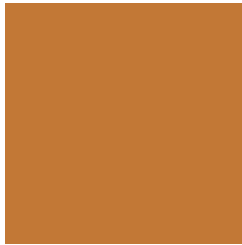
0055A1



001221

Previews

White Background



This preview shows how the Hex color C27836 looks on a white background.

Color Contrast Check

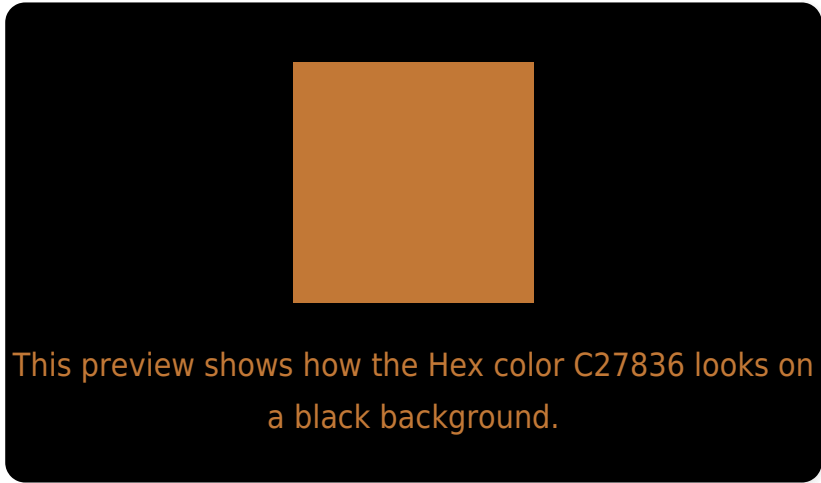
Large Text (above 18pt) WCAG AA ✓ Pass

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

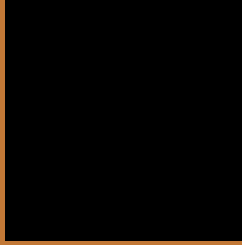
Any Text WCAG AA ✓ Pass

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 C27836 Background



This preview shows how black text looks on a background with the Hex color C27836.



This preview shows how white text looks on a background with the Hex color C27836.

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
C27836

Protanopia
998A3B

Deuteranopia
AC8333



Tritanopia
C67179

Trichromacy



Original Color
C27836

Protanomaly
A88339

Deuteranomaly
B47F34

Tritanomaly
C57461

Monochromacy



Original Color
C27836

Achromatopsia
878787

Achromatomaly
9C826A

CSS Examples

Text

The CSS property to change the color of the text to Hex C27836 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 #C27836 looks like.

```
.text, #text, p{  
    color:#C27836  
}
```

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 #C27836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27836
}
```

Border

The CSS property to change the border of an element to Hex C27836 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
#C27836 }
```

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

```
.border{ border-color:#C27836 }
```

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

Here you see how a box with a 4 pixel #C27836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27836; -webkit-box-shadow:4px 4px  
4px 4px #C27836; box-shadow:4px 4px 4px  
4px #C27836 }
```

Background

The CSS property to change the background color of an element to Hex C27836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27836 }
```

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

```
.background{ background-color:#C27836 }
```

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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