

Converting Colors

Hex(C28627)

Have a look what the booklet for
Hex(C28627) contains.

| | |
|--|----|
| Hex(C28627) | 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(C28627)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C28627 |
| RGB | 194, 134, 39 |
| RGB Percent | 76%, 53%, 15% |
| CMY | 0.2392, 0.4745, 0.8471 |
| CMYK | 0.00, 0.31, 0.80, 0.24 |
| HSL | 37°, 67%, 46% |
| HSV | 37°, 80%, 76% |
| XYZ | 31.1394, 28.6660, 5.8113 |
| YIQ | 141.1100, 66.2550, -16.8250 |

Conversions

Conversions Part 2

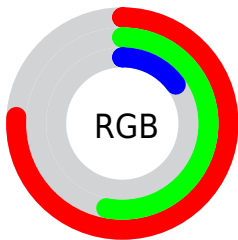
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 137, 194, 39 |
| Decimal | 12748327 |
| CIELab | 60.49, 15.01, 56.57 |
| CIElCh | 60, 58.528, 75.141 |
| Yxy | 28.6660, 0.4746, 0.4369 |
| Android (android.graphics.Color) | 4290938407 (0xFFC28627) |
| YUV | 141.1100, -50.3402, 46.3845 |
| Hunter-Lab | 53.5406, 10.1201, 31.0431 |

Details

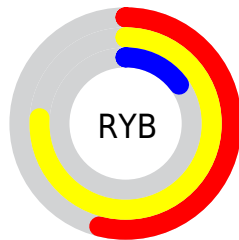
The Hex color **C28627** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2763C2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBB5C**, and **875400** is the 20% darker color. If you saturate the color by 10%, you get **C27E14**, and if you desaturate by 10%, it is **C28E3A**.

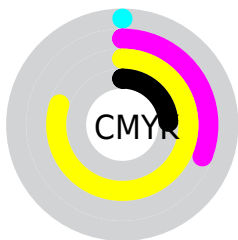
Distribution



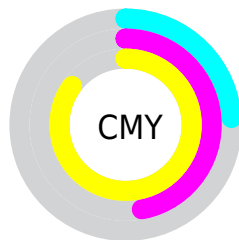
- Red (76%)
- Green (53%)
- Blue (15%)



- Red (54%)
- Yellow (76%)
- Blue (15%)



- Cyan (0%)
- Magenta (31%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (47%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C28627 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 C28627 by changing the saturation by 10% instead.

 C28627

 C28627

FFFFFF

 A46D04

 FFBB5C

 875400

 FFD776

 6B3D00

 FFF391

 4F2700

 FFFFAD

 341300

 FFFFC9

 1E0000

 FFFFE5

 000000

 C28627

 C28627

 C27E14

 C28E3A

 C27700

 C2954E

 C29D61

 C2A475

 C2AC88

 C2B39B

 C2BBAF

 C2C2C2

 C2CAD6

Harmonies

Analogous

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



E3714A



C28627



949722

Triad

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



C28627



00ABAB



B679DB

Complementary

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



C28627



2763C2

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.



608FF6



C28627



00A8DA

Square

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



C28627



00A976



009FF6



E265AE

Rectangle

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



C28627



6FA037



009FF6



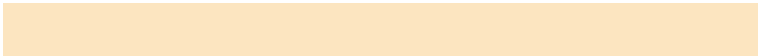
9F80E7

Sweetspot

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



C28627



FCE5C0



C22765



80715B



000000



808080

Same Dimension

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



C28627



FC9F0A



B3C227



615D57



A16200



211400

Inverse Universe

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



2763C2



0A68FC



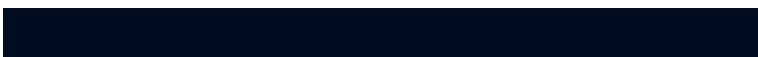
3627C2



575B61



003EA1



000D21

Previews

White Background



This preview shows how the Hex color C28627 looks on a white background.

Color Contrast Check

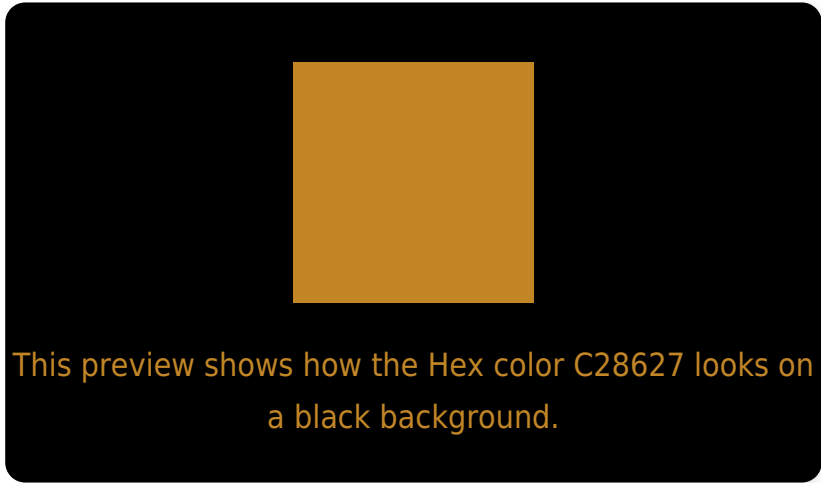
Large Text (above 18pt) WCAG AA ✓ Pass

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 C28627 Background



This preview shows how black text looks on a background with the Hex color C28627.



This preview shows how white text looks on a background with the Hex color C28627.

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
C28627

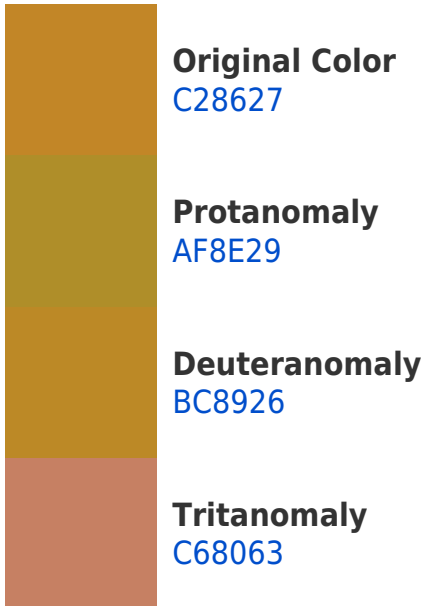
Protanopia
A4932A

Deuteranopia
B88B25

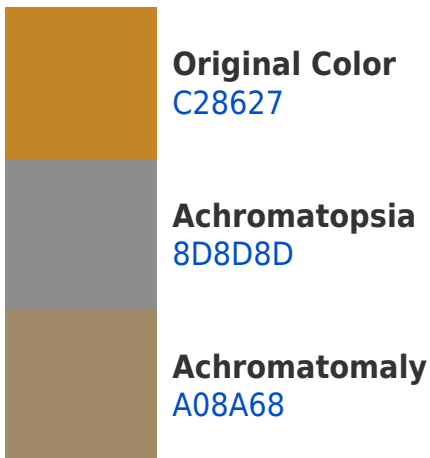


Tritanopia
C87D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C28627 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 #C28627 looks like.

```
.text, #text, p{  
    color:#C28627  
}
```

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 #C28627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28627
}
```

Border

The CSS property to change the border of an element to Hex C28627 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
#C28627 }
```

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

```
.border{ border-color:#C28627 }
```

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

Here you see how a box with a 4 pixel #C28627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28627; -webkit-box-shadow:4px 4px  
4px 4px #C28627; box-shadow:4px 4px 4px  
4px #C28627 }
```

Background

The CSS property to change the background color of an element to Hex C28627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28627 }
```

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

```
.background{ background-color:#C28627 }
```

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