

Converting Colors

Hex(C27828)

Have a look what the booklet for
Hex(C27828) contains.

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Color

Hex(C27828)

Conversions

Conversions Part 1

Format	Color
Hex	C27828
RGB	194, 120, 40
RGB Percent	76%, 47%, 16%
CMY	0.2392, 0.5294, 0.8431
CMYK	0.00, 0.38, 0.79, 0.24
HSL	31°, 66%, 46%
HSV	31°, 79%, 76%
XYZ	29.3476, 25.0555, 5.2969
YIQ	133.0060, 69.7840, -9.1920

Conversions

Conversions Part 2

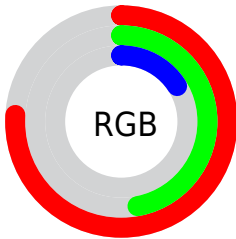
Format	Color
R_{YB}	182, 194, 40
Decimal	12744744
CIE _{Lab}	57.13, 22.73, 53.08
CIE _{LCh}	57, 57.739, 66.813
Yxy	25.0555, 0.4916, 0.4197
Android (android.graphics.Color)	4290934824 (0xFFC27828)
YUV	133.0060, -45.8520, 53.4917
Hunter-Lab	50.0554, 17.0579, 28.7647

Details

The Hex color **C27828** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **2872C2**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFAD5B**, and **874700** is the 20% darker color. If you saturate the color by 10%, you get **C26F15**, and if you desaturate by 10%, it is **C2813B**.

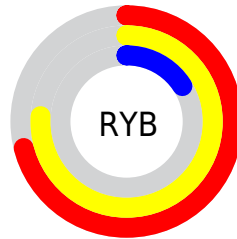
Distribution



Red (76%)

Green (47%)

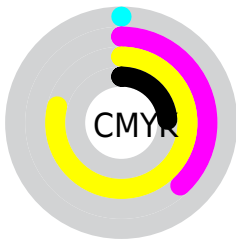
Blue (16%)



Red (71%)

Yellow (76%)

Blue (16%)

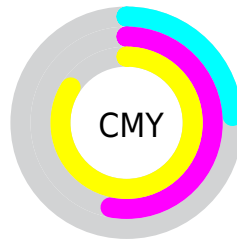


Cyan (0%)

Magenta (38%)

Yellow (79%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C27828 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 C27828 by changing the saturation by 10% instead.

 C27828

 C27828

FFFFFF

 A45F0A

 FFAD5B

 874700

 FFC875

 6A3000

 FFE490

 4E1A00

 FFFFAB

 330400

 FFFFC7

 160000

 FFFFE4

 000000

 C27828

 C27828

 C26F15

 C2813B

 C26501

 C28B4F

 C26500

 C29462

 C29D76

 C2A789

 C2B09C

 C2B9B0

 C2C3C3

 C2CCD7

Harmonies

Analogous

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



DD644F



C27828



988A16

Triad

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



C27828



00A194



9A77DA

Complementary

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



C27828



2872C2

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.



268BED



C27828



00A0C4

Square

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



C27828



009E5F



0099E5



CF61B2

Rectangle

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



C27828



769425



0099E5



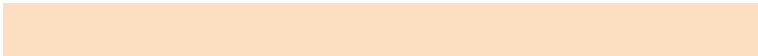
7F7EE3

Sweetspot

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



C27828



FCDFC0



C22872



806E5B



000000



808080

Same Dimension

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



C27828



FC890D



BFC228



615C57



A15300



211100

Inverse Universe

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



2872C2



0D80FC



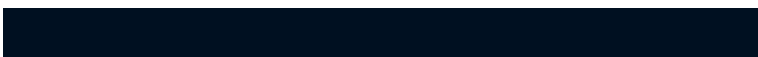
2B28C2



575C61



004DA1



001021

Previews

White Background



This preview shows how the Hex color C27828 looks on a white background.

Color Contrast Check

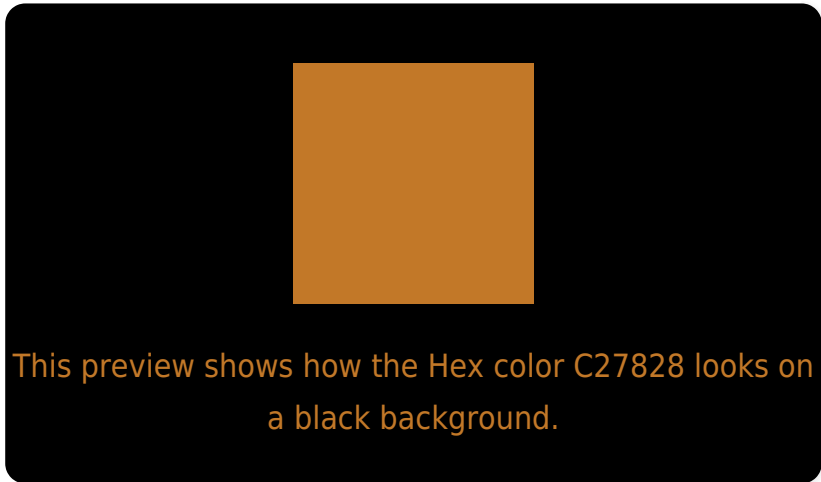
Large Text (above 18pt) WCAG AA ✓ Pass

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

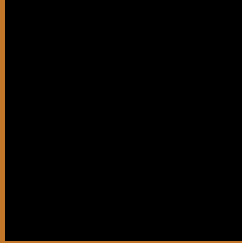
Any Text WCAG AA ✓ Pass

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 C27828 Background



This preview shows how black text looks on a background with the Hex color C27828.



This preview shows how white text looks on a background with the Hex color C27828.

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
C27828

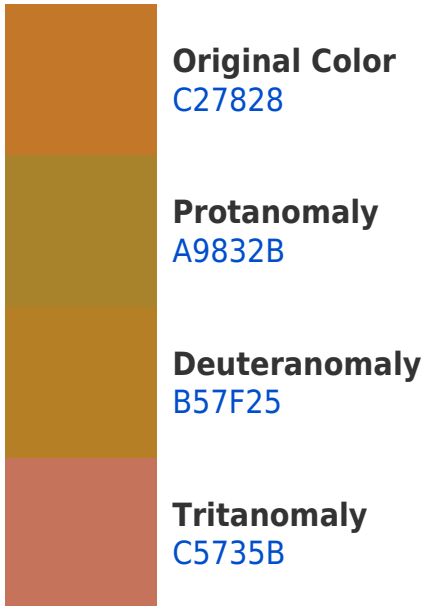
Protanopia
9A8A2D

Deuteranopia
AD8324

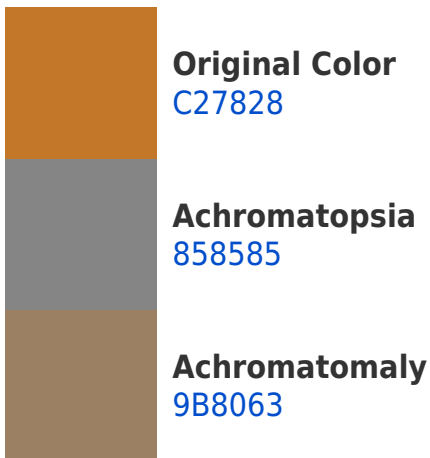


Tritanopia
C67078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C27828 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 #C27828 looks like.

```
.text, #text, p{  
    color:#C27828  
}
```

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 #C27828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27828
}
```

Border

The CSS property to change the border of an element to Hex C27828 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
#C27828 }
```

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

```
.border{ border-color:#C27828 }
```

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

Here you see how a box with a 4 pixel #C27828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27828; -webkit-box-shadow:4px 4px  
4px 4px #C27828; box-shadow:4px 4px 4px  
4px #C27828 }
```

Background

The CSS property to change the background color of an element to Hex C27828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27828 }
```

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

```
.background{ background-color:#C27828 }
```

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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