

Converting Colors

Hex(C27251)

Have a look what the booklet for
Hex(C27251) contains.

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Color

Hex(C27251)

Conversions

Conversions Part 1

Format	Color
Hex	C27251
RGB	194, 114, 81
RGB Percent	76%, 45%, 32%
CMY	0.2392, 0.5529, 0.6824
CMYK	0.00, 0.41, 0.58, 0.24
HSL	18°, 48%, 54%
HSV	18°, 58%, 76%
XYZ	29.7507, 24.0980, 10.8679
YIQ	134.1580, 58.2730, 6.6970

Conversions

Conversions Part 2

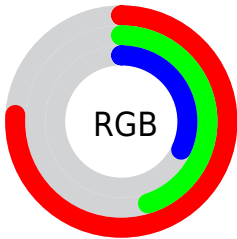
Format	Color
RYB	194, 128, 81
Decimal	12743249
CIELab	56.19, 28.34, 31.68
CIELCh	56, 42.510, 48.188
Yxy	24.0980, 0.4597, 0.3724
Android (android.graphics.Color)	4290933329 (0xFFC27251)
YUV	134.1580, -26.2069, 52.4814
Hunter-Lab	49.0898, 22.2721, 21.2367

Details

The Hex color **C27251** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **51A1C2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FEA783**, and **884123** is the 20% darker color. If you saturate the color by 10%, you get **C2643E**, and if you desaturate by 10%, it is **C28064**.

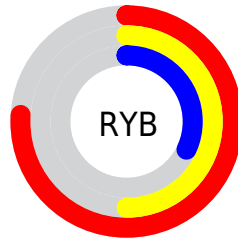
Distribution



Red (76%)

Green (45%)

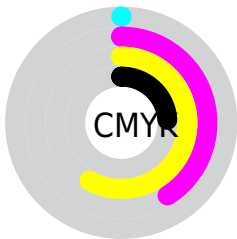
Blue (32%)



Red (76%)

Yellow (50%)

Blue (32%)

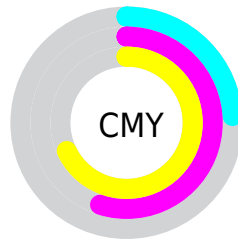


Cyan (0%)

Magenta (41%)

Yellow (58%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color C27251 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 C27251 by changing the saturation by 10% instead.

 C27251

 C27251

FFFFFF

 A55939


 FEA783

 884123

 FFC29D

 6C290D

 FFDEB8

 511100

 FFFBD4

 360000

 FFFFFFF1

 180001

 000000

 C27251

 C27251

 C2643E

 C28064

 C2572A

 C28D78

 C24917

 C29B8B

 C23B03

 C2A99F

 C23900

 C2B7B2

 C2C4C5

 C2D2D9

 C2E0EC

 C2EEFF

Harmonies

Analogous

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



CC6872



C27251



A9803D

Triad

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



C27251



149976



7283CD

Complementary

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



C27251



51A1C2

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.



028FCF



C27251



00999D

Square

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



C27251



5C9454



0096BD



A674B8

Rectangle

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



C27251



93883B



0096BD



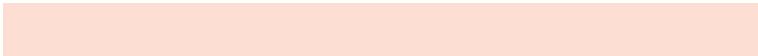
5A87D0

Sweetspot

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



C27251



FCDED2



C251A2



806D66



000000



808080

Same Dimension

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



C27251



FC7F4C



C2AA51



615A57



A12F00



210A00

Inverse Universe

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



51A1C2



4CC9FC



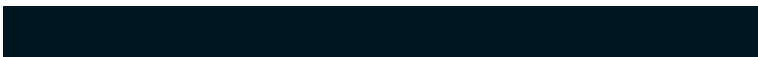
5169C2



575E61



0072A1



001721

Previews

White Background



This preview shows how the Hex color C27251 looks on a white background.

Color Contrast Check

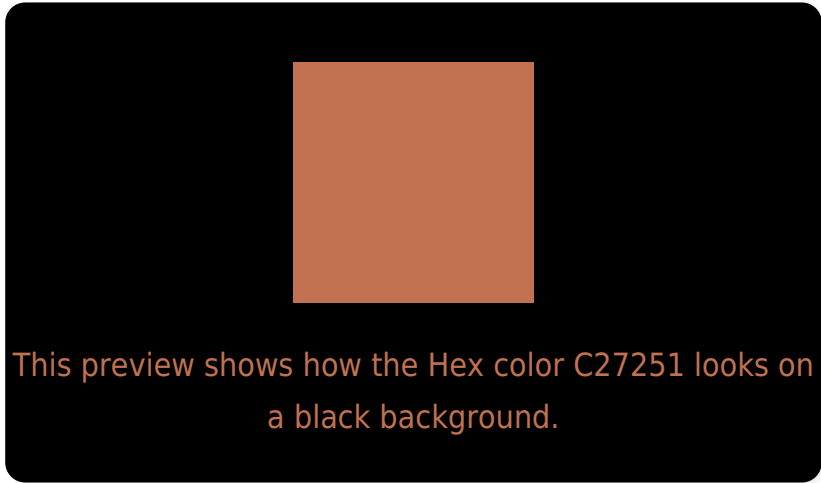
Large Text (above 18pt) WCAG AA ✓ Pass

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

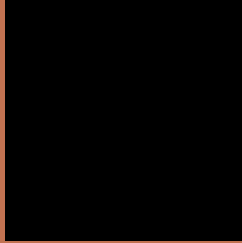
Any Text WCAG AA ✓ Pass

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 C27251 Background



This preview shows how black text looks on a background with the Hex color C27251.

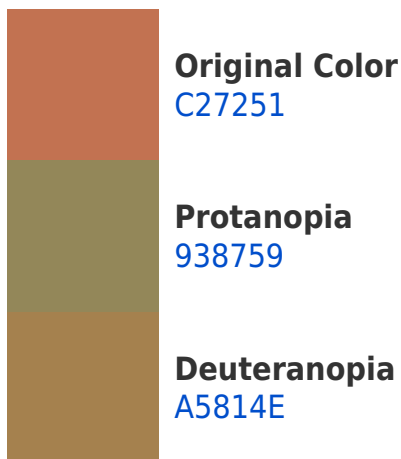



This preview shows how white text looks on a background with the Hex color C27251.

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
C46D75

Trichromacy



Original Color
C27251

Protanomaly
A47F56

Deuteranomaly
B07C4F

Tritanomaly
C36F68

Monochromacy



Original Color
C27251

Achromatopsia
868686

Achromatomaly
9C7F73

CSS Examples

Text

The CSS property to change the color of the text to Hex C27251 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 #C27251 looks like.

```
.text, #text, p{  
    color:#C27251  
}
```

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 #C27251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27251
}
```

Border

The CSS property to change the border of an element to Hex C27251 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
#C27251 }
```

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

```
.border{ border-color:#C27251 }
```

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

Here you see how a box with a 4 pixel #C27251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27251; -webkit-box-shadow:4px 4px  
4px 4px #C27251; box-shadow:4px 4px 4px  
4px #C27251 }
```

Background

The CSS property to change the background color of an element to Hex C27251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27251 }
```

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

```
.background{ background-color:#C27251 }
```

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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