

Converting Colors

Hex(C27133)

Have a look what the booklet for
Hex(C27133) contains.

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Color

Hex(C27133)

Conversions

Conversions Part 1

Format	Color
Hex	C27133
RGB	194, 113, 51
RGB Percent	76%, 44%, 20%
CMY	0.2392, 0.5569, 0.8000
CMYK	0.00, 0.42, 0.74, 0.24
HSL	26°, 58%, 48%
HSV	26°, 74%, 76%
XYZ	28.7508, 23.5186, 6.1562
YIQ	130.1510, 68.1780, -2.1100

Conversions

Conversions Part 2

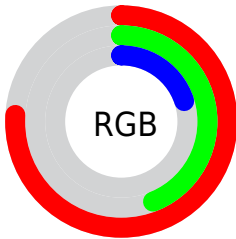
Format	Color
RYB	194, 160, 51
Decimal	12742963
CIELab	55.60, 27.01, 46.69
CIELCh	56, 53.939, 59.953
Yxy	23.5186, 0.4921, 0.4025
Android (android.graphics.Color)	4290933043 (0xFFC27133)
YUV	130.1510, -39.0214, 55.9956
Hunter-Lab	48.4960, 20.9556, 26.4208

Details

The Hex color **C27133** 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 **3384C2**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFA565**, and **874000** is the 20% darker color. If you saturate the color by 10%, you get **C26620**, and if you desaturate by 10%, it is **C27C46**.

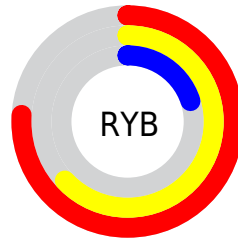
Distribution



Red (76%)

Green (44%)

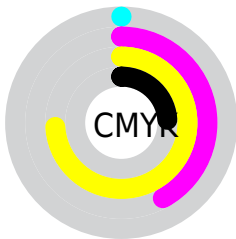
Blue (20%)



Red (76%)

Yellow (63%)

Blue (20%)

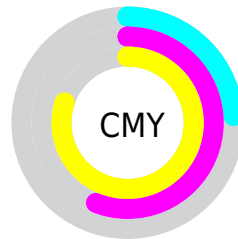


Cyan (0%)

Magenta (42%)

Yellow (74%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C27133 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 C27133 by changing the saturation by 10% instead.

 C27133

 C27133

FFFFFF

 A4581A

 FFA565

 874000

 FFC17F

 6A2900

 FFDD99

 4E1200

 FFFAB4

 330000

 FFFFFD0

 130000

 FFFFFED

 000000

 C27133

 C27133

 C26620

 C27C46

 C25B0C

 C2875A

 C25400

 C2926D

 C29D81

 C2A894

 C2B3A7

 C2BEBB

 C2C9CE

 C2D4E2

Harmonies

Analogous

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



D85F59



C27133



9E831E

Triad

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



C27133



009B84



8579D7

Complementary

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



C27133



3384C2

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.



008BE3



C27133



009BB3

Square

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



C27133



279854



0096D6



BE65B5

Rectangle

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



C27133



808C24



0096D6



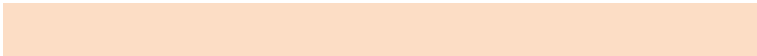
697FDD

Sweetspot

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



C27133



FCDDC5



C23384



806D5E



000000



808080

Same Dimension

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



C27133



FC7F1E



C2B833



615B57



A14600



210E00

Inverse Universe

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



3384C2



1E9CFC



333DC2



575D61



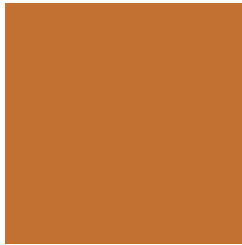
005BA1



001321

Previews

White Background



This preview shows how the Hex color C27133 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

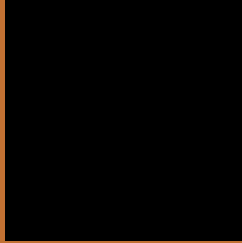
Any Text WCAG AA ✓ Pass

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 C27133 Background



This preview shows how black text looks on a background with the Hex color C27133.



This preview shows how white text looks on a background with the Hex color C27133.

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
C27133

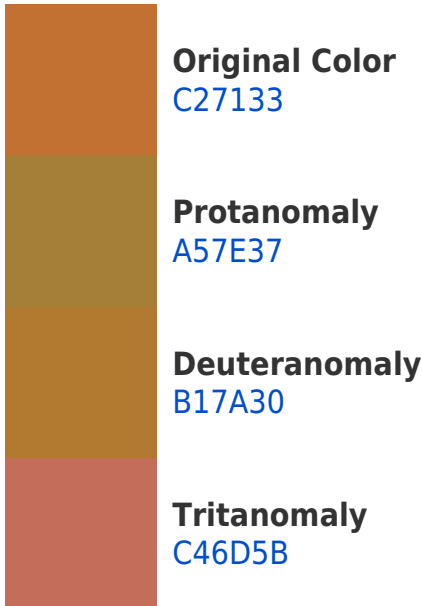
Protanopia
958639

Deuteranopia
A77F2F

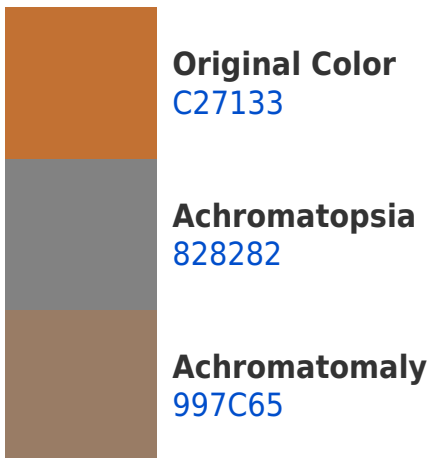


Tritanopia
C56A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C27133 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 #C27133 looks like.

```
.text, #text, p{  
    color:#C27133  
}
```

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 #C27133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27133
}
```

Border

The CSS property to change the border of an element to Hex C27133 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
#C27133 }
```

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

```
.border{ border-color:#C27133 }
```

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

Here you see how a box with a 4 pixel #C27133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27133; -webkit-box-shadow:4px 4px  
4px 4px #C27133; box-shadow:4px 4px 4px  
4px #C27133 }
```

Background

The CSS property to change the background color of an element to Hex C27133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27133 }
```

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

```
.background{ background-color:#C27133 }
```

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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