

Converting Colors

Hex(C27945)

Have a look what the booklet for
Hex(C27945) contains.

Hex(C27945)	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(C27945)

Conversions

Conversions Part 1

Format	Color
Hex	C27945
RGB	194, 121, 69
RGB Percent	76%, 47%, 27%
CMY	0.2392, 0.5255, 0.7294
CMYK	0.00, 0.38, 0.64, 0.24
HSL	25°, 51%, 52%
HSV	25°, 64%, 76%
XYZ	30.1597, 25.5737, 8.9769
YIQ	136.8990, 60.2000, -0.6960

Conversions

Conversions Part 2

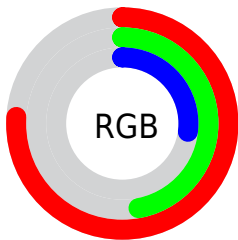
Format	Color
RYB	194, 158, 69
Decimal	12745029
CIELab	57.63, 23.66, 39.90
CIElCh	58, 46.391, 59.330
Yxy	25.5737, 0.4661, 0.3952
Android (android.graphics.Color)	4290935109 (0xFFC27945)
YUV	136.8990, -33.4742, 50.0776
Hunter-Lab	50.5705, 17.9571, 24.8747

Details

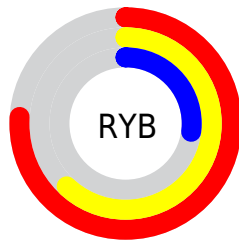
The Hex color **C27945** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **458EC2**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FEAE77**, and **884815** is the 20% darker color. If you saturate the color by 10%, you get **C26E32**, and if you desaturate by 10%, it is **C28458**.

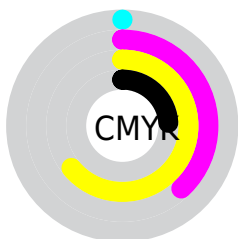
Distribution



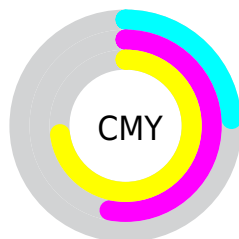
- Red (76%)
- Green (47%)
- Blue (27%)



- Red (76%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C27945 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 C27945 by changing the saturation by 10% instead.

 C27945

 C27945

FFFFFF

 A5602D

 FEAE77

 884815

 FFC991

 6C3000

 FFE5AC

 501A00

 FFFFC7

 350400

 FFFFE4

 1A0001

 000000

 C27945

 C27945

 C26E32

 C28458

 C2621E

 C2906C

 C2570B

 C29B7F

 C25100

 C2A693

 C2B2A6

 C2BDB9

 C2C8CD

 C2D4E0

 C2DFF4

Harmonies

Analogous

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



D46C65



C27945



A28836

Triad

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



C27945



009F88



8B80D1

Complementary

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



C27945



458EC2

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.



368FDB



C27945



009EB1

Square

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



C27945



449B5F



0099CF



BB70B4

Rectangle

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



C27945



88903A



0099CF



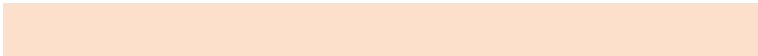
7585D7

Sweetspot

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



C27945



FCE0CC



C24590



806E62



000000



808080

Same Dimension

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



C27945



FC8B3A



C2B545



615B57



A14300



210E00

Inverse Universe

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



458EC2



3AACFC



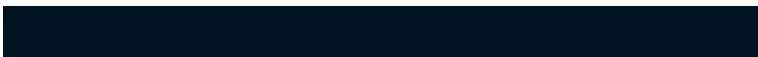
4551C2



575D61



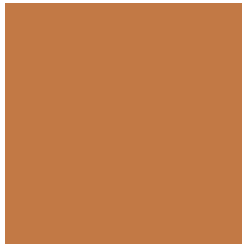
005EA1



001321

Previews

White Background



This preview shows how the Hex color C27945 looks on a white background.

Color Contrast Check

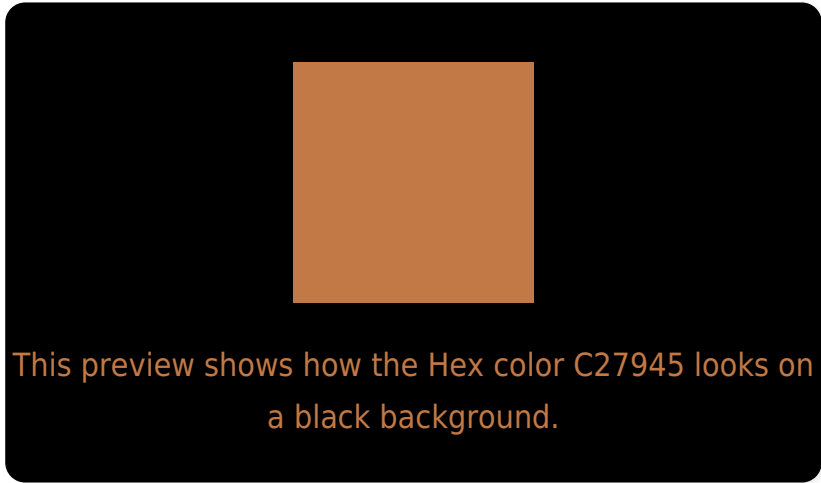
Large Text (above 18pt) WCAG AA ✓ Pass

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

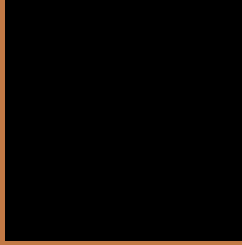
Any Text WCAG AA ✓ Pass

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 C27945 Background



This preview shows how black text looks on a background with the Hex color C27945.

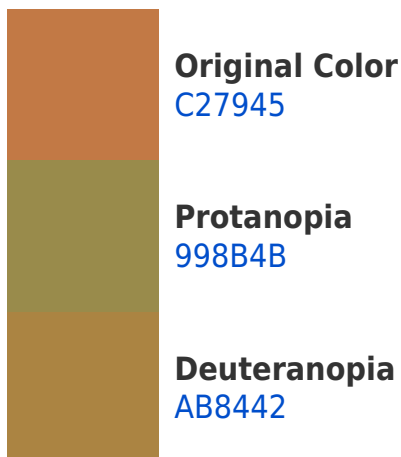


This preview shows how white text looks on a background with the Hex color C27945.

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](#).

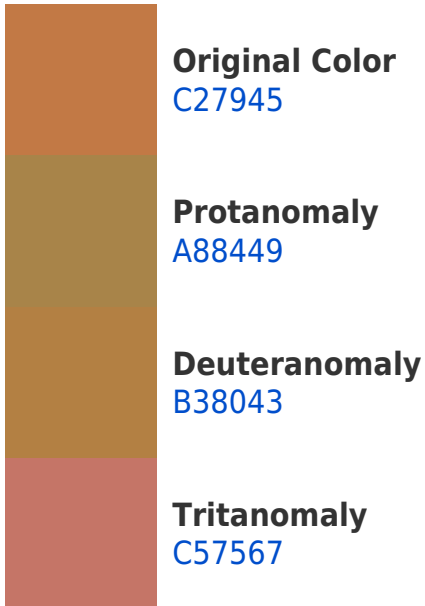
Dichromacy



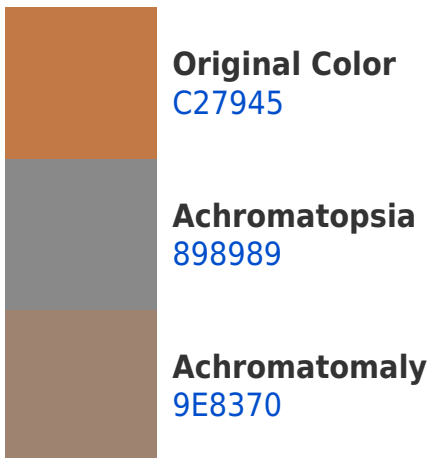


Tritanopia
C6737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C27945 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 #C27945 looks like.

```
.text, #text, p{  
    color:#C27945  
}
```

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 #C27945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27945
}
```

Border

The CSS property to change the border of an element to Hex C27945 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
#C27945 }
```

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

```
.border{ border-color:#C27945 }
```

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

Here you see how a box with a 4 pixel #C27945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27945; -webkit-box-shadow:4px 4px  
4px 4px #C27945; box-shadow:4px 4px 4px  
4px #C27945 }
```

Background

The CSS property to change the background color of an element to Hex C27945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27945 }
```

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

```
.background{ background-color:#C27945 }
```

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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