

# Converting Colors

Hex(C27C24)

Have a look what the booklet for  
Hex(C27C24) contains.

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**Color**

**Hex(C27C24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C27C24
RGB	194, 124, 36
RGB Percent	76%, 49%, 14%
CMY	0.2392, 0.5137, 0.8588
CMYK	0.00, 0.36, 0.81, 0.24
HSL	33°, 69%, 45%
HSV	33°, 81%, 76%
XYZ	29.7742, 26.0120, 5.1206
YIQ	134.8980, 69.9680, -12.5280

# Conversions

## Conversions Part 2

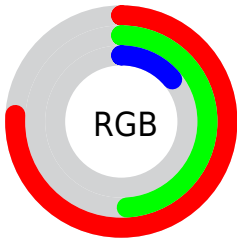
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 194, 36
Decimal	12745764
CIE <sub>Lab</sub>	58.05, 20.40, 55.48
CIE <sub>LCh</sub>	58, 59.111, 69.809
Yxy	26.0120, 0.4888, 0.4271
Android (android.graphics.Color)	4290935844 (0xFFC27C24)
YUV	134.8980, -48.7567, 51.8325
Hunter-Lab	51.0020, 14.9523, 29.7486

# Details

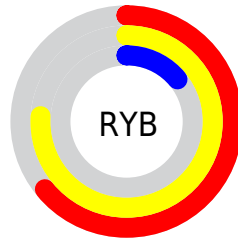
The Hex color **C27C24** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **246AC2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFB158**, and **874B00** is the 20% darker color. If you saturate the color by 10%, you get **C27311**, and if you desaturate by 10%, it is **C28537**.

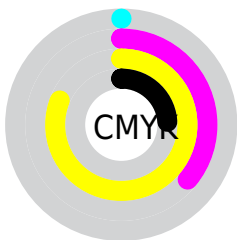
# Distribution



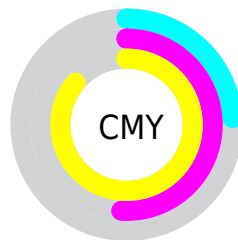
- Red (76%)
- Green (49%)
- Blue (14%)



- Red (64%)
- Yellow (76%)
- Blue (14%)



- Cyan (0%)
- Magenta (36%)
- Yellow (81%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C27C24 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 C27C24 by changing the saturation by 10% instead.



 C27C24

 C27C24

FFFFFF

 A46302

 FFB158

 874B00

 FFCC73

 6A3400

 FFE88D

 4E1E00

 FFFFA9

 330900

 FFFFC5

 190001

 FFFFFE1

 000000

FFFFFFE

 C27C24

 C27C24

 C27311

 C28537

 C26C00

 C28D4B

 C2965E

 C29E72

 C2A785

 C2B098

 C2B8AC

 C2C1BF

 C2C9D3

# Harmonies

## Analogous

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



E0674C



C27C24



968E15

# Triad

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



C27C24



00A49C



A476DC

# Complementary

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



C27C24



246AC2

# 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.



3B8CF2



C27C24



00A2CD

# Square

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



C27C24



00A266



009BEC



D661B0

# Rectangle

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



C27C24



729728



009BEC



8A7EE6



# Sweetspot

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



C27C24



FCE2C0



C2246B



806F5B



000000



808080



# Same Dimension

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



C27C24



FC8F05



BAC224



615D57



A15900



211200



# Inverse Universe

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



246AC2



0573FC



2C24C2



575C61



0047A1



000F21



# Previews

## White Background



This preview shows how the Hex color C27C24 looks on a white background.

## Color Contrast Check

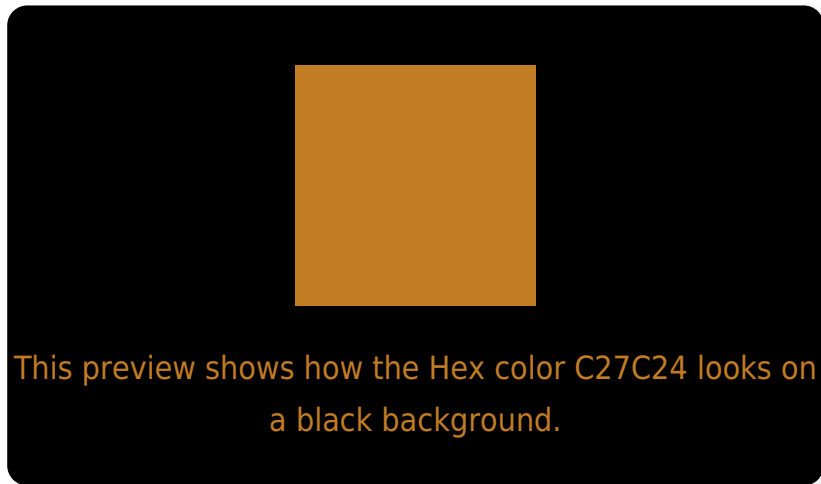
Large Text (above 18pt) WCAG AA ✓ Pass

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

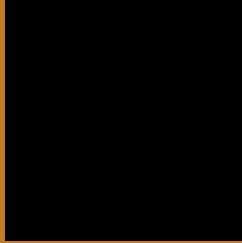
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C27C24 Background



This preview shows how black text looks on a background with the Hex color C27C24.



This preview shows how white text looks on a background with the Hex color C27C24.

# 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**  
C27C24

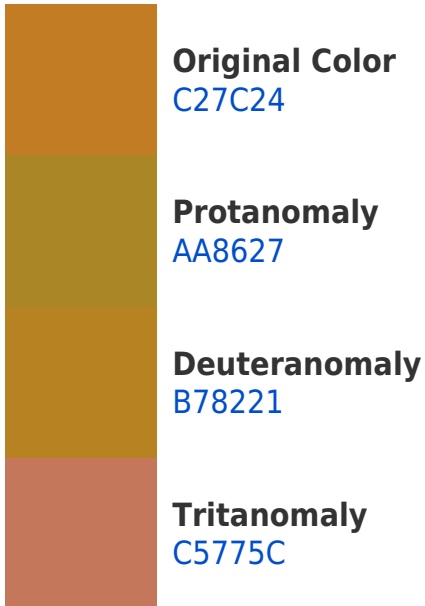
**Protanopia**  
9D8C28

**Deuteranopia**  
B08520



**Tritanopia**  
C7747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C27C24 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 #C27C24 looks like.

```
.text, #text, p{  
    color:#C27C24  
}
```

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 #C27C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27C24
}
```

## Border

The CSS property to change the border of an element to Hex C27C24 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
#C27C24 }
```

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

```
.border{ border-color:#C27C24 }
```

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

Here you see how a box with a 4 pixel #C27C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27C24; -webkit-box-shadow:4px 4px  
4px 4px #C27C24; box-shadow:4px 4px 4px  
4px #C27C24 }
```

# Background

The CSS property to change the background color of an element to Hex C27C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27C24 }
```

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

```
.background{ background-color:#C27C24 }
```

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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