

# Converting Colors

Hex(C28254)

Have a look what the booklet for  
Hex(C28254) contains.

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**Color**

**Hex(C28254)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C28254
RGB	194, 130, 84
RGB Percent	76%, 51%, 33%
CMY	0.2392, 0.4902, 0.6706
CMYK	0.00, 0.33, 0.57, 0.24
HSL	25°, 47%, 55%
HSV	25°, 57%, 76%
XYZ	31.8310, 28.0747, 12.1288
YIQ	143.8920, 52.9100, -0.7380

# Conversions

## Conversions Part 2

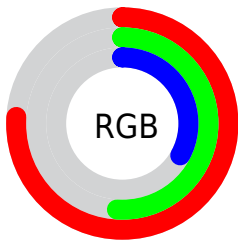
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 163, 84
Decimal	12747348
CIELab	59.96, 19.82, 34.73
CIELCh	60, 39.988, 60.279
Yxy	28.0747, 0.4419, 0.3897
Android (android.graphics.Color)	4290937428 (0xFFC28254)
YUV	143.8920, -29.5268, 43.9447
Hunter-Lab	52.9856, 14.5089, 23.5180

# Details

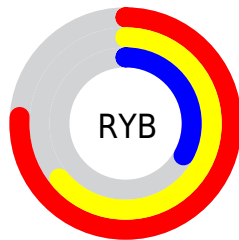
The Hex color **C28254** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5494C2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FDB786**, and **895025** is the 20% darker color. If you saturate the color by 10%, you get **C27741**, and if you desaturate by 10%, it is **C28D67**.

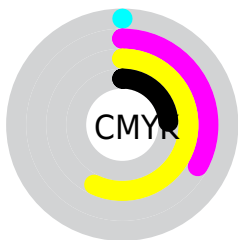
# Distribution



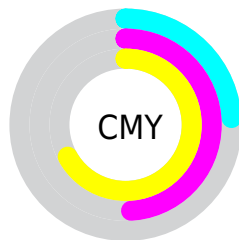
- Red (76%)
- Green (51%)
- Blue (33%)



- Red (76%)
- Yellow (64%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (57%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C28254 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 C28254 by changing the saturation by 10% instead.



 C28254

 C28254

FFFFFF

 A5693C

 FDB786

 895025

 FFD3A1

 6D390E

 FFEFBC

 532300

 FFFFFD8

 380D00

 FFFFFFF5

 210001

 000000

 C28254

 C28254

 C27741

 C28D67

 C26B2D

 C2997B

 C2601A

 C2A48E

 C25506

 C2AFA2

 C25100

 C2BAB5

 C2C6C8

 C2D1DC

 C2DCEF

 C2E8FF

# Harmonies

## Analogous

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



D2776F



C28254



A68F49

# Triad

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



C28254



01A390



9487CD

# Complementary

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



C28254



5494C2

# 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.



5794D7



C28254



00A2B3

# Square

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



C28254



56A06C



009DCD



BD7AB4

# Rectangle

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



C28254



8E964C



009DCD



828CD2

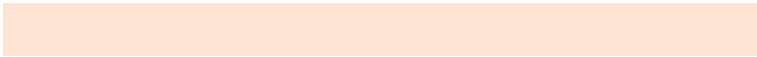


# Sweetspot

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



C28254



FCE3D2



C25494



807166



000000



808080



# Same Dimension

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



C28254



FC9951



C2B954



615B57



A14300



210E00



# Inverse Universe

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



5494C2



51B5FC



545DC2



575D61



005DA1



001321



# Previews

## White Background



This preview shows how the Hex color C28254 looks on a white background.

## Color Contrast Check

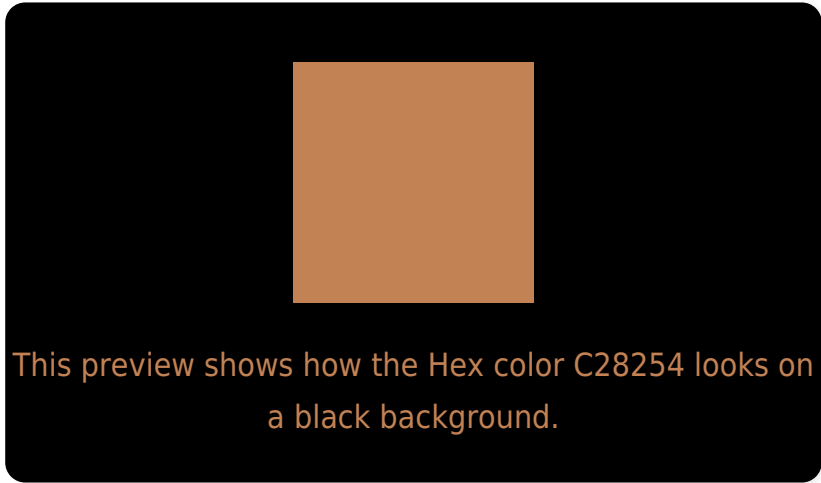
Large Text (above 18pt) WCAG AA ✓ Pass

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

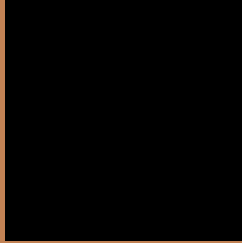
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C28254 Background



This preview shows how black text looks on a background with the Hex color C28254.



This preview shows how white text looks on a background with the Hex color C28254.

# 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**  
C28254

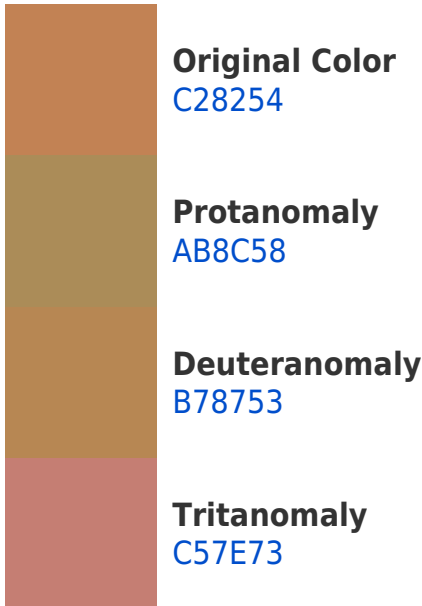
**Protanopia**  
9E915A

**Deuteranopia**  
B18A52

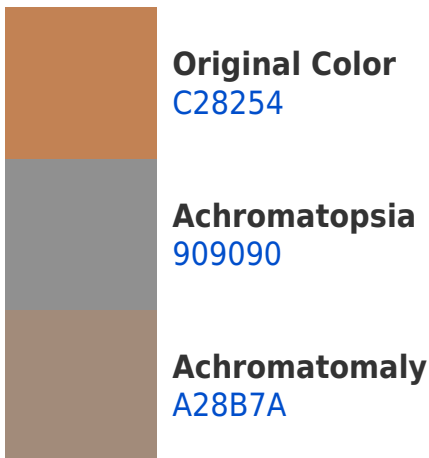


**Tritanopia**  
C67C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C28254 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 #C28254 looks like.

```
.text, #text, p{  
    color:#C28254  
}
```

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 #C28254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28254
}
```

## Border

The CSS property to change the border of an element to Hex C28254 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
#C28254 }
```

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

```
.border{ border-color:#C28254 }
```

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

Here you see how a box with a 4 pixel #C28254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28254; -webkit-box-shadow:4px 4px  
4px 4px #C28254; box-shadow:4px 4px 4px  
4px #C28254 }
```

# Background

The CSS property to change the background color of an element to Hex C28254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28254 }
```

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

```
.background{ background-color:#C28254 }
```

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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