

# Converting Colors

Hex(C27348)

Have a look what the booklet for  
Hex(C27348) contains.

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**Color**

**Hex(C27348)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C27348
RGB	194, 115, 72
RGB Percent	76%, 45%, 28%
CMY	0.2392, 0.5490, 0.7176
CMYK	0.00, 0.41, 0.63, 0.24
HSL	21°, 50%, 52%
HSV	21°, 63%, 76%
XYZ	29.5486, 24.1987, 9.2443
YIQ	133.7190, 60.8870, 3.3750

# Conversions

## Conversions Part 2

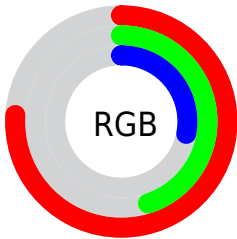
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 138, 72</a>
Decimal	<a href="#">12743496</a>
<a href="#">CIELab</a>	<a href="#">56.29, 27.14, 36.73</a>
<a href="#">CIElCh</a>	<a href="#">56, 45.667, 53.540</a>
<a href="#">Yxy</a>	<a href="#">24.1987, 0.4691, 0.3842</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290933576 (0xFFC27348)</a>
<a href="#">YUV</a>	<a href="#">133.7190, -30.4275, 52.8664</a>
<a href="#">Hunter-Lab</a>	<a href="#">49.1922, 21.1345, 23.2926</a>

# Details

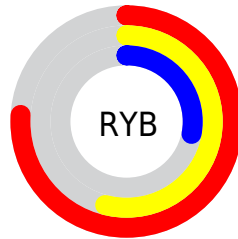
The Hex color **C27348** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4897C2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FEA87A**, and **88421A** is the 20% darker color. If you saturate the color by 10%, you get **C26635**, and if you desaturate by 10%, it is **C2805B**.

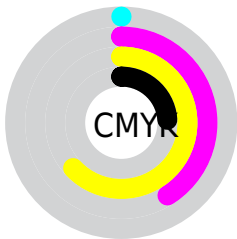
# Distribution



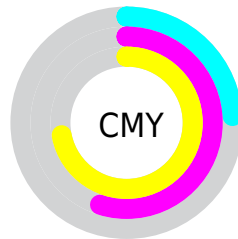
- Red (76%)
- Green (45%)
- Blue (28%)



- Red (76%)
- Yellow (54%)
- Blue (28%)



- Cyan (0%)
- Magenta (41%)
- Yellow (63%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C27348 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 C27348 by changing the saturation by 10% instead.



 C27348

 C27348

FFFFFF

 A55A30

 FEA87A

 88421A

 FFC394

 6C2A01

 FFDFAF

 501300

 FFFCCA

 350000

 FFFFEE

 170000

 000000

 C27348

 C27348

 C26635

 C2805B

 C25A21

 C28C6F

 C24D0E

 C29982

 C24400

 C2A596

 C2B2A9

 C2BEBC

 C2CBD0

 C2D7E3

 C2E4F7

# Harmonies

## Analogous

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



D16769



C27348



A58235

# Triad

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



C27348



009A7D



7B80D0

# Complementary

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



C27348



4897C2

# 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.



0C8ED6



C27348



009BA5

# Square

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



C27348



4E9656



0097C6



B070B7

# Rectangle

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



C27348



8C8A36



0097C6



6385D4

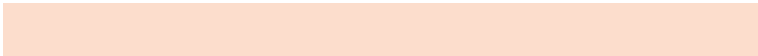


# Sweetspot

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



C27348



FCDDCC



C24897



806D62



000000



808080



# Same Dimension

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



C27348



FC823F



C2B048



615B57



A13900



210C00



# Inverse Universe

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



4897C2



3FBAFC



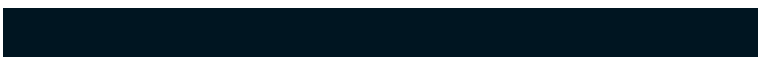
485AC2



575D61



0068A1

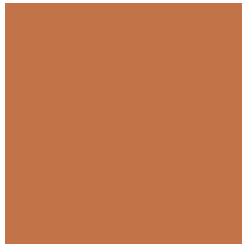


001521



# Previews

## White Background



This preview shows how the Hex color C27348 looks on a white background.

## Color Contrast Check

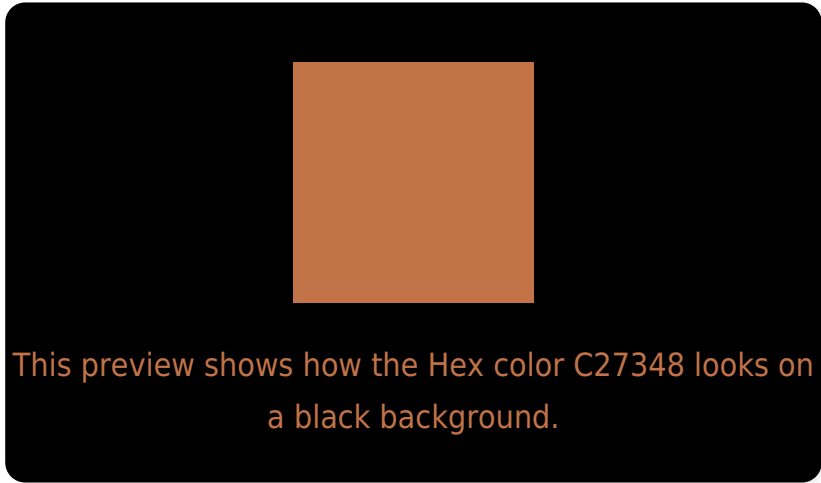
Large Text (above 18pt) WCAG AA ✓ Pass

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

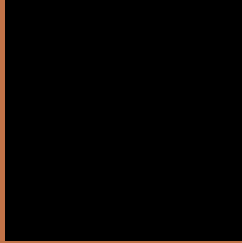
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C27348 Background



This preview shows how black text looks on a background with the Hex color C27348.

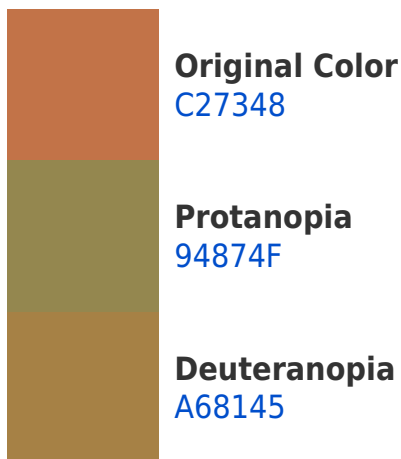



This preview shows how white text looks on a background with the Hex color C27348.

# 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](#).

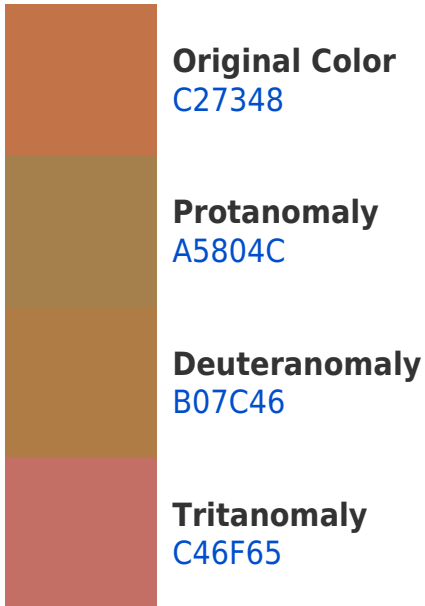
## Dichromacy





**Tritanopia**  
C56D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C27348 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 #C27348 looks like.

```
.text, #text, p{  
    color:#C27348  
}
```

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 #C27348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27348
}
```

## Border

The CSS property to change the border of an element to Hex C27348 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
#C27348 }
```

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

```
.border{ border-color:#C27348 }
```

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

Here you see how a box with a 4 pixel #C27348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27348; -webkit-box-shadow:4px 4px  
4px 4px #C27348; box-shadow:4px 4px 4px  
4px #C27348 }
```

# Background

The CSS property to change the background color of an element to Hex C27348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27348 }
```

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

```
.background{ background-color:#C27348 }
```

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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