

# Converting Colors

Decimal(12417122)

Have a look what the booklet for  
Decimal(12417122) contains.

|  |    |
|--|----|
| <b>Decimal(12417122)</b> .....                 | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Decimal(12417122)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | BD7862                    |
| RGB           | 189, 120, 98              |
| RGB Percent   | 74%, 47%, 38%             |
| CMY           | 0.2588, 0.5294, 0.6157    |
| CMYK          | 0.00, 0.37, 0.48, 0.26    |
| HSL           | 15°, 41%, 56%             |
| HSV           | 15°, 48%, 74%             |
| XYZ           | 29.9073, 25.1336, 14.8303 |
| YIQ           | 138.1230, 48.1860, 7.7860 |

# Conversions

## Conversions Part 2

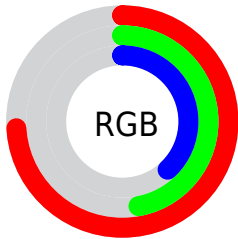
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 189, 127, 98                   |
| Decimal                             | 12417122                       |
| CIE <sub>Lab</sub>                  | 57.21, 24.54, 23.31            |
| CIE <sub>LCh</sub>                  | 57, 33.850, 43.530             |
| Yxy                                 | 25.1336, 0.4280,<br>0.3597     |
| Android<br>(android.graphics.Color) | 4290607202<br>(0xFFBD7862)     |
| YUV                                 | 138.1230, -19.7806,<br>44.6191 |
| Hunter-Lab                          | 50.1334, 18.7516,<br>17.5545   |

# Details

The Decimal color **12417122** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6465469**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16297365**, and **8734515** is the 20% darker color. If you saturate the color by 10%, you get **12413519**, and if you desaturate by 10%, it is **12420725**.

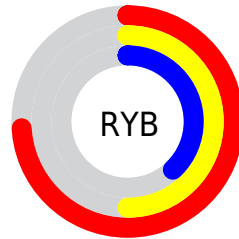
# Distribution



Red (74%)

Green (47%)

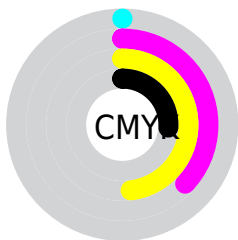
Blue (38%)



Red (74%)

Yellow (50%)

Blue (38%)

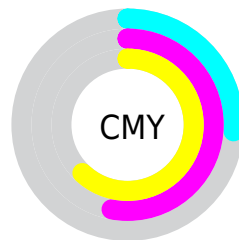


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12417122 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 Decimal color 12417122 by changing the saturation by 10% instead.



 12417122

 12417122

16777215

 10575690

 16297365

 8734515

 16763056

 6893342

 16770507

 5183750

 16777191

 3473920

 1638401

 0

 12417122

 12417122

 12413519

 12420725

12409660

12424584

12406057

12428187

12402454

12431790

12398595

12435649

12398080

12439251

12442854

12446713

12450303

# Harmonies

## Analogous

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



12808829



12417122



11240017

# Triad

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



12417122



4757624



7637187

# Complementary

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



12417122



6465469

# 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.



4100545



12417122



1218966

# Square

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



12417122



7246685



38833



10386868

# Rectangle

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



12417122



10062158



38833



6523844

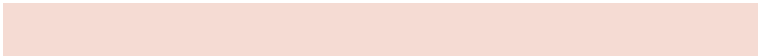


# Sweetspot

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



12417122



16112595



12411560



8022886



16448250



8026746



# Same Dimension

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



12417122



16091495



12428642



6182741



10364416



2033408



# Inverse Universe

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



6465469



6804213



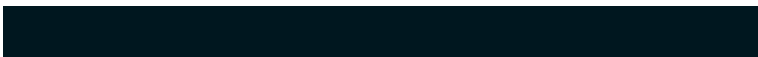
6453949



5594206



30878



5919



# Previews

## White Background



This preview shows how the Decimal color 12417122 looks on a white background.

## Color Contrast Check

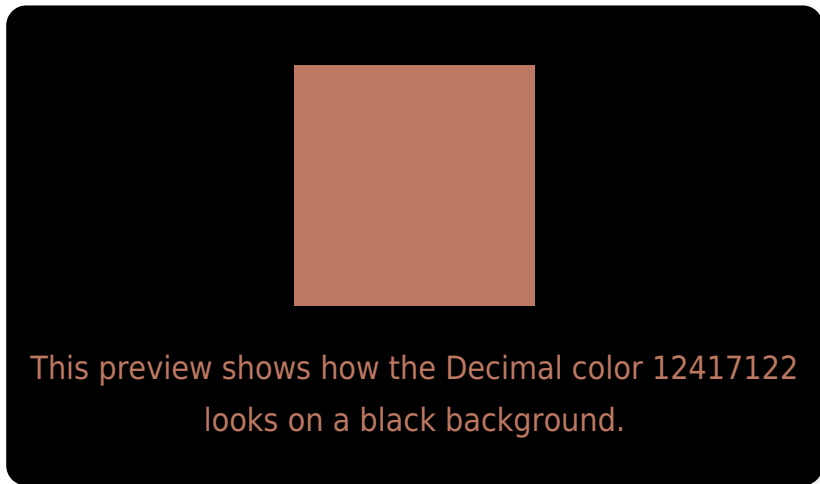
Large Text (above 18pt) WCAG AA ✓ Pass

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

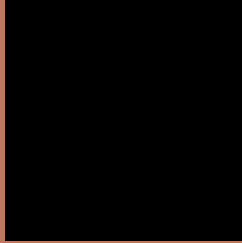
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12417122 Background



This preview shows how black text looks on a background with the Decimal color 12417122.




This preview shows how white text looks on a background with the Decimal color 12417122.

# 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**  
12547197

# Trichromacy



**Original Color**  
12417122

**Protanomaly**  
10650471

**Deuteranomaly**  
11370593

**Tritanomaly**  
12481907

# Monochromacy



**Original Color**  
12417122

**Achromatopsia**  
9079434

**Achromatomaly**  
10322811

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12417122 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 #BD7862 looks like.

```
.text, #text, p{  
  color:#BD7862  
}
```

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 #BD7862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7862
}
```

## Border

The CSS property to change the border of an element to Decimal 12417122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

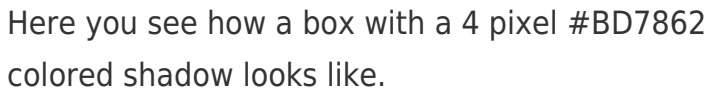
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD7862 }
```

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

```
.border{ border-color:#BD7862 }
```

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



Here you see how a box with a 4 pixel #BD7862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7862; -webkit-box-shadow:4px 4px  
4px 4px #BD7862; box-shadow:4px 4px 4px  
4px #BD7862 }
```

# Background

The CSS property to change the background color of an element to Decimal 12417122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7862 }
```

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

```
.background{ background-color:#BD7862 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor