

Converting Colors

Decimal(12484970)

Have a look what the booklet for
Decimal(12484970) contains.

Decimal(12484970)	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

Decimal(12484970)

Conversions

Conversions Part 1

Format	Color
Hex	BE816A
RGB	190, 129, 106
RGB Percent	75%, 51%, 42%
CMY	0.2549, 0.4941, 0.5843
CMYK	0.00, 0.32, 0.44, 0.25
HSL	16°, 39%, 58%
HSV	16°, 44%, 75%
XYZ	31.6870, 27.6883, 17.3100
YIQ	144.6170, 43.7390, 5.7790

Conversions

Conversions Part 2

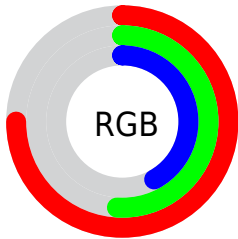
Format	Color
R_{YB}	190, 138, 106
Decimal	12484970
CIE _{Lab}	59.61, 20.81, 22.01
CIE _{LCh}	60, 30.290, 46.607
Yxy	27.6883, 0.4132, 0.3611
Android (android.graphics.Color)	4290675050 (0xFFBE816A)
YUV	144.6170, -19.0382, 39.8009
Hunter-Lab	52.6196, 15.4064, 17.3295

Details

The Decimal color **12484970** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6989758**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16299677**, and **8802106** is the 20% darker color. If you saturate the color by 10%, you get **12481367**, and if you desaturate by 10%, it is **12488573**.

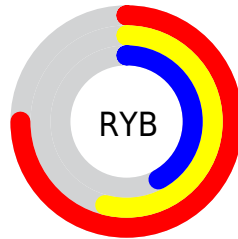
Distribution



Red (75%)

Green (51%)

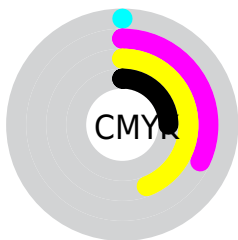
Blue (42%)



Red (75%)

Yellow (54%)

Blue (42%)

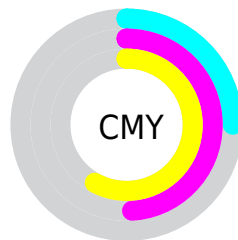


Cyan (0%)

Magenta (32%)

Yellow (44%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12484970 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 12484970 by changing the saturation by 10% instead.


 12484970

 12484970

16777215

 10643538

 16299677

 8802106

 16765624

 7026724

 16772820

 5316880

 16777201

 3673088

 2162689

 0

 12484970

 12484970

 12481367

 12488573

12477764

12492176

12474417

12495523

12470814

12499126

12467211

12502729

12465152

12506332

12509935

12513279

12516863

Harmonies

Analogous

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



12876930



12484970



11307612

Triad

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



12484970



5545346



8555970

Complementary

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



12484970



6989758

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.



5740227



12484970



3579550

Square

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



12484970



7706986



3447989



10847156

Rectangle

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



12484970



10260570



3447989



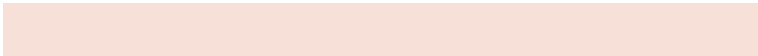
7639236

Sweetspot

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



12484970



16244951



12479144



8220265



16579836



8224125

Same Dimension

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



12484970



16226420



12495466



6182741



10365696



2033664

Inverse Universe

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



6989758



7656439



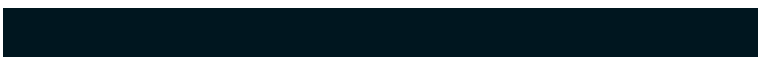
6979262



5594206



29598



5663

Previews

White Background



This preview shows how the Decimal color 12484970 looks on a white background.

Color Contrast Check

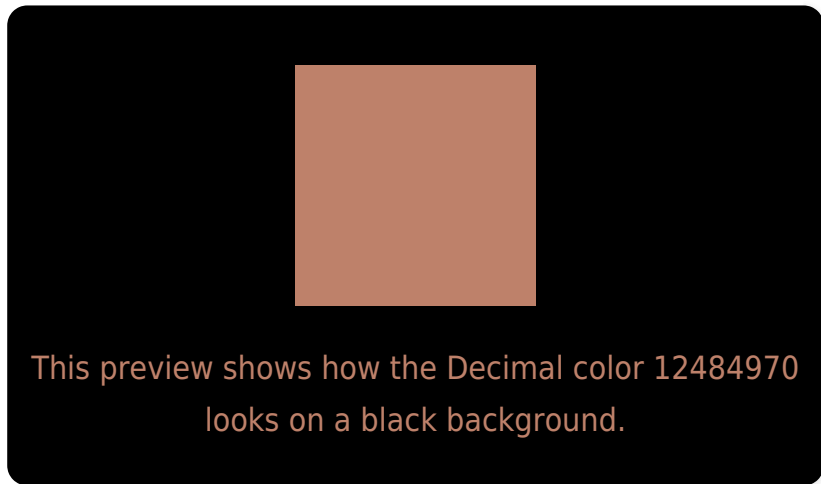
Large Text (above 18pt) WCAG AA ✓ Pass

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

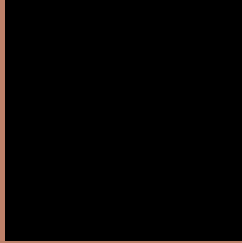
Any Text WCAG AA ✓ Pass

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 12484970 Background



This preview shows how black text looks on a background with the Decimal color 12484970.



This preview shows how white text looks on a background with the Decimal color 12484970.

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
12484970

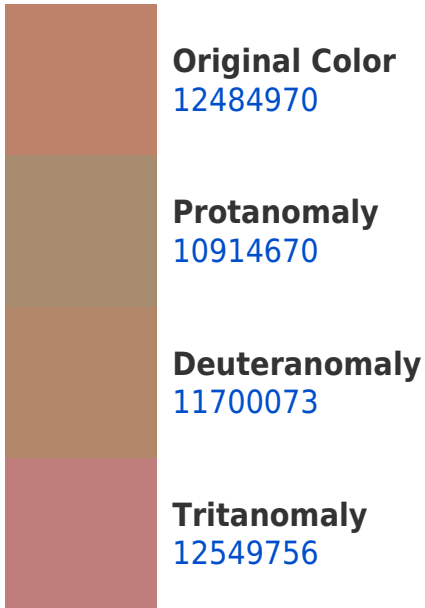
Protanopia
10063985

Deuteranopia
11242088



Tritanopia
12615046

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12484970 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 #BE816A looks like.

```
.text, #text, p{  
    color:#BE816A  
}
```

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 #BE816A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE816A
}
```

Border

The CSS property to change the border of an element to Decimal 12484970 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
#BE816A }
```

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

```
.border{ border-color:#BE816A }
```

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

Here you see how a box with a 4 pixel #BE816A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE816A; -webkit-box-shadow:4px 4px  
4px 4px #BE816A; box-shadow:4px 4px 4px  
4px #BE816A }
```

Background

The CSS property to change the background color of an element to Decimal 12484970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE816A }
```

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

```
.background{ background-color:#BE816A }
```

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