

Converting Colors

Decimal(12494717)

Have a look what the booklet for
Decimal(12494717) contains.

Decimal(12494717)	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(12494717)

Conversions

Conversions Part 1

Format	Color
Hex	BEA77D
RGB	190, 167, 125
RGB Percent	75%, 65%, 49%
CMY	0.2549, 0.3451, 0.5098
CMYK	0.00, 0.12, 0.34, 0.25
HSL	39°, 33%, 62%
HSV	39°, 34%, 75%
XYZ	38.7556, 40.0653, 25.0928
YIQ	169.0890, 27.1900, -8.1860

Conversions

Conversions Part 2

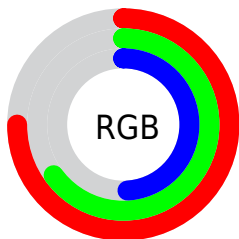
Format	Color
RYB	161, 190, 125
Decimal	12494717
CIELab	69.52, 2.16, 24.82
CIELCh	70, 24.916, 85.017
Yxy	40.0653, 0.3730, 0.3856
Android (android.graphics.Color)	4290684797 (0xFFBEA77D)
YUV	169.0890, -21.7359, 18.3389
Hunter-Lab	63.2971, -1.4779, 20.8038

Details

The Decimal color **12494717** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8230078**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16244402**, and **8942412** is the 20% darker color. If you saturate the color by 10%, you get **12492906**, and if you desaturate by 10%, it is **12496528**.

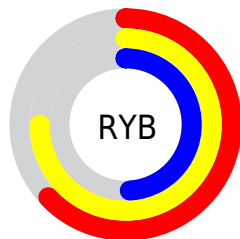
Distribution



Red (75%)

Green (65%)

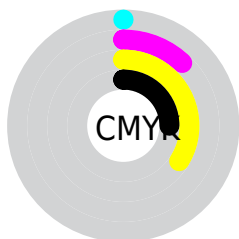
Blue (49%)



Red (63%)

Yellow (75%)

Blue (49%)

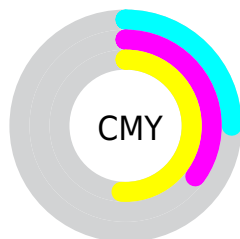


Cyan (0%)

Magenta (12%)

Yellow (34%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12494717 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 12494717 by changing the saturation by 10% instead.



12494717



12494717

16777215



10653028



16244402



8942412



16776142



7166772



16777194



5522206



3943687



2431232



0



12494717



12494717



12492906



12496528

 12491351

 12498083

 12489540

 12499894

 12487729

 12501705

 12485918

 12503516

 12484363

 12505071

 12483328

 12506879

 12508671

 12510463

Harmonies

Analogous

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



13672582



12494717



10923649

Triad

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



12494717



6862524



12820164

Complementary

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



12494717



8230078

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.



11052499



12494717



7320526

Square

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



12494717



7714469



9022934



13933230

Rectangle

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



12494717



9810569



9022934



12296394

Sweetspot

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



12494717



16248799



12483989



8222830



16579836



8224125

Same Dimension

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



12494717



16241554



11910781



6183765



10380800



2036736

Inverse Universe

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



8230078



9615095



8814014



5593182



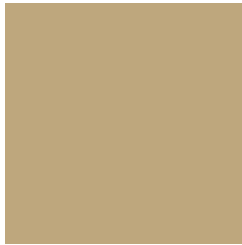
14494



2847

Previews

White Background



This preview shows how the Decimal color 12494717 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12494717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

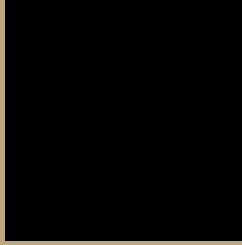
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 12494717 Background



This preview shows how black text looks on a background with the Decimal color 12494717.



This preview shows how white text looks on a background with the Decimal color 12494717.

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
12494717

Protanopia
11971198

Deuteranopia
13214590



Tritanopia
12820909

Trichromacy



Original Color
12494717

Protanomaly
12167550

Deuteranomaly
12952702

Tritanomaly
12690332

Monochromacy



Original Color
12494717

Achromatopsia
11119017

Achromatomaly
11643033

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12494717 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 #BEA77D looks like.

```
.text, #text, p{  
  color:#BEA77D  
}
```

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 #BEA77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA77D
}
```

Border

The CSS property to change the border of an element to Decimal 12494717 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
#BEA77D }
```

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

```
.border{ border-color:#BEA77D }
```

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

Here you see how a box with a 4 pixel #BEA77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA77D; -webkit-box-shadow:4px 4px  
4px 4px #BEA77D; box-shadow:4px 4px 4px  
4px #BEA77D }
```

Background

The CSS property to change the background color of an element to Decimal 12494717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA77D }
```

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

```
.background{ background-color:#BEA77D }
```

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