

Converting Colors

Decimal(12555597)

Have a look what the booklet for
Decimal(12555597) contains.

Decimal(12555597)	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(12555597)

Conversions

Conversions Part 1

Format	Color
Hex	BF954D
RGB	191, 149, 77
RGB Percent	75%, 58%, 30%
CMY	0.2510, 0.4157, 0.6980
CMYK	0.00, 0.22, 0.60, 0.25
HSL	38°, 47%, 53%
HSV	38°, 60%, 75%
XYZ	33.5729, 33.1071, 11.6420
YIQ	153.3500, 48.1440, -13.4880

Conversions

Conversions Part 2

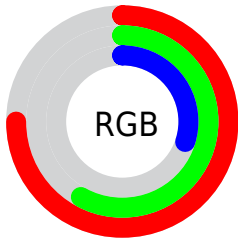
Format	Color
RYB	144, 191, 77
Decimal	12555597
CIELab	64.25, 7.55, 43.43
CIElCh	64, 44.083, 80.140
Yxy	33.1071, 0.4287, 0.4227
Android (android.graphics.Color)	4290745677 (0xFFBF954D)
YUV	153.3500, -37.6405, 33.0191
Hunter-Lab	57.5388, 3.4588, 28.2808

Details

The Decimal color **12555597** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5076927**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **16436096**, and **8806939** is the 20% darker color. If you saturate the color by 10%, you get **12553786**, and if you desaturate by 10%, it is **12557408**.

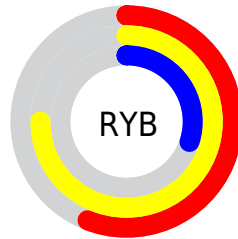
Distribution



Red (75%)

Green (58%)

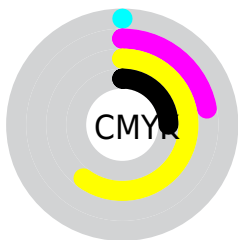
Blue (30%)



Red (56%)

Yellow (75%)

Blue (30%)

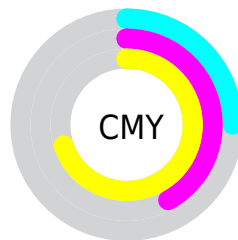


Cyan (0%)

Magenta (22%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (42%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12555597 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 12555597 by changing the saturation by 10% instead.


 12555597  12555597


16777215  10648372

 16436096  8806939

 16770971  7031552

 16777142  5321728

 16777170  3546880

 16777199  1968384

 0

 12555597  12555597

 12553786  12557408

12551975

12559219

12550164

12561030

12548353

12562841

12548352

12564652

12566464

12568275

12570086

12571897

Harmonies

Analogous

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



14321505



12555597



10068559

Triad

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



12555597



45238



12617679

Complementary

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



1255597



5076927

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.



9148134



1255597



44247

Square

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



1255597



2666381



3646697



1464698

Rectangle

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



1255597



8169566



3646697



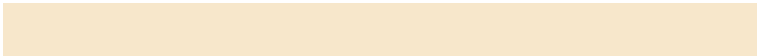
11635928

Sweetspot

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



12555597



16246731



12537209



8221537



16579836



8224125

Same Dimension

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



12555597



16234053



11714381



6183765



10380288



2036480

Inverse Universe

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



5076927



4556791



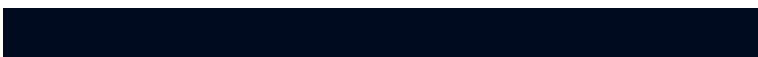
5918143



5593182



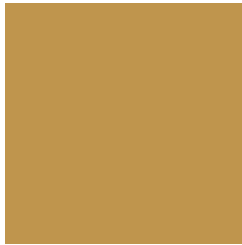
15006



2847

Previews

White Background



This preview shows how the Decimal color 12555597 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 1255597 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 1255597 Background



This preview shows how black text looks on a background with the Decimal color 1255597.




This preview shows how white text looks on a background with the Decimal color 1255597.

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
12946839

Trichromacy



Original Color
12555597

Protanomaly
11770190

Deuteranomaly
12621133

Tritanomaly
12816508

Monochromacy



Original Color
12555597

Achromatopsia
10066329

Achromatomaly
10983549

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12555597 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 #BF954D looks like.

```
.text, #text, p{  
    color:#BF954D  
}
```

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 #BF954D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF954D
}
```

Border

The CSS property to change the border of an element to Decimal 12555597 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
#BF954D }
```

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

```
.border{ border-color:#BF954D }
```

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

Here you see how a box with a 4 pixel #BF954D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF954D; -webkit-box-shadow:4px 4px  
4px 4px #BF954D; box-shadow:4px 4px 4px  
4px #BF954D }
```

Background

The CSS property to change the background color of an element to Decimal 12555597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF954D }
```

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

```
.background{ background-color:#BF954D }
```

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