

# Converting Colors

Decimal(12550255)

Have a look what the booklet for  
Decimal(12550255) contains.

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# Color

**Decimal(12550255)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF806F
RGB	191, 128, 111
RGB Percent	75%, 50%, 44%
CMY	0.2510, 0.4980, 0.5647
CMYK	0.00, 0.33, 0.42, 0.25
HSL	13°, 38%, 59%
HSV	13°, 42%, 75%
XYZ	32.0743, 27.6624, 18.6878
YIQ	144.8990, 43.0050, 8.0690

# Conversions

## Conversions Part 2

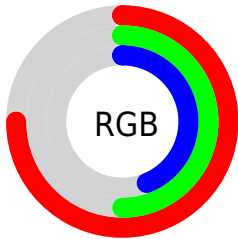
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 133, 111
Decimal	12550255
CIE <sub>Lab</sub>	59.58, 22.32, 19.17
CIE <sub>LCh</sub>	60, 29.419, 40.658
Yxy	27.6624, 0.4090, 0.3527
Android (android.graphics.Color)	4290740335 (0xFFBF806F)
YUV	144.8990, -16.7122, 40.4306
Hunter-Lab	52.5951, 16.8141, 15.7499

# Details

The Decimal color **12550255** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7319231**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16364963**, and **8867391** is the 20% darker color. If you saturate the color by 10%, you get **12546396**, and if you desaturate by 10%, it is **12554114**.

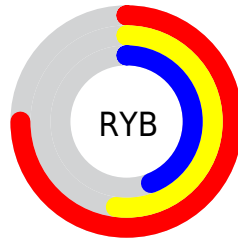
# Distribution



Red (75%)

Green (50%)

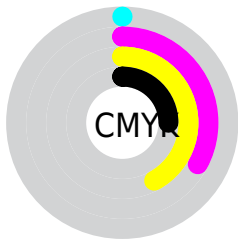
Blue (44%)



Red (75%)

Yellow (52%)

Blue (44%)

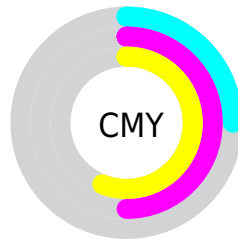


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12550255 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 12550255 by changing the saturation by 10% instead.



 12550255

 12550255

16777215

 10708823

 16364963

 8867391

 16765374

 7092009

 16772570

 5382164

 16777206

 3738112

 2228225

 0

 12550255

 12550255

 12546396

 12554114

 12542537

 12557973

 12538678

 12561832

 12534819

 12565691

 12530960

 12569551

 12527872

 12573410

 12577269

 12581119

 12582911

# Harmonies

## Analogous

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



12745863



12550255



11569247

# Triad

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



12550255



6069374



8032194

# Complementary

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



12550255



7319231

# 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.



5412800



12550255



4169368

# Square

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



12550255



8099943



3579056



10454711

# Rectangle

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



12550255



10587740



3579056



7180995

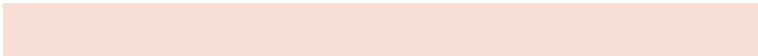


# Sweetspot

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



12550255



16244439



12545967



8220009



16579836



8224125



# Same Dimension

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



12550255



16225916



12560239



6182741



10363392



2033408



# Inverse Universe

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



7319231



8183287



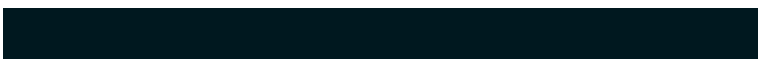
7309247



5594206



32158



6175



# Previews

## White Background



This preview shows how the Decimal color 12550255 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



This preview shows how the Decimal color 12550255 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 × Fail

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



## Decimal 12550255 Background



This preview shows how black text looks on a background with the Decimal color 12550255.



This preview shows how white text looks on a background with the Decimal color 12550255.

# 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**  
12680582

# Trichromacy



**Original Color**  
12550255

**Protanomaly**  
10914419

**Deuteranomaly**  
11634286

**Tritanomaly**  
12615294

# Monochromacy



**Original Color**  
12550255

**Achromatopsia**  
9539985

**Achromatomaly**  
10652549

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12550255 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 #BF806F looks like.

```
.text, #text, p{  
  color:#BF806F  
}
```

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 #BF806F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF806F
}
```

## Border

The CSS property to change the border of an element to Decimal 12550255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

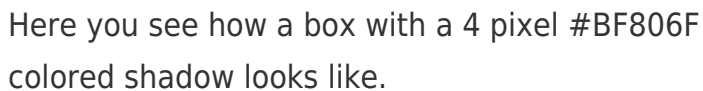
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF806F }
```

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

```
.border{ border-color:#BF806F }
```

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



Here you see how a box with a 4 pixel #BF806F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF806F; -webkit-box-shadow:4px 4px  
4px 4px #BF806F; box-shadow:4px 4px 4px  
4px #BF806F }
```

# Background

The CSS property to change the background color of an element to Decimal 12550255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF806F }
```

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

```
.background{ background-color:#BF806F }
```

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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