

# Converting Colors

Decimal(12416352)

Have a look what the booklet for  
Decimal(12416352) contains.

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# Color

**Decimal(12416352)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD7560
RGB	189, 117, 96
RGB Percent	74%, 46%, 38%
CMY	0.2588, 0.5412, 0.6235
CMYK	0.00, 0.38, 0.49, 0.26
HSL	14°, 41%, 56%
HSV	14°, 49%, 74%
XYZ	29.4589, 24.3859, 14.2206
YIQ	136.1340, 49.6530, 8.7330

# Conversions

## Conversions Part 2

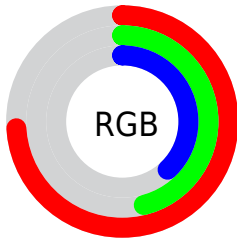
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 123, 96
Decimal	12416352
CIE <sub>Lab</sub>	56.47, 25.99, 23.48
CIE <sub>LCh</sub>	56, 35.027, 42.091
Yxy	24.3859, 0.4328, 0.3583
Android (android.graphics.Color)	4290606432 (0xFFBD7560)
YUV	136.1340, -19.7861, 46.3635
Hunter-Lab	49.3821, 20.0654, 17.4937

# Details

The Decimal color **12416352** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6334653**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16296595**, and **8668209** is the 20% darker color. If you saturate the color by 10%, you get **12412493**, and if you desaturate by 10%, it is **12420211**.

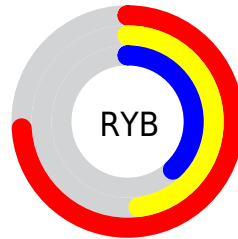
# Distribution



Red (74%)

Green (46%)

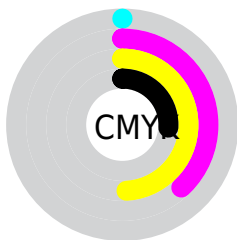
Blue (38%)



Red (74%)

Yellow (48%)

Blue (38%)

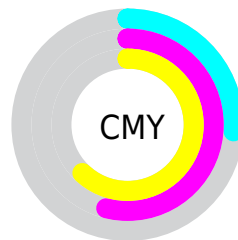


Cyan (0%)

Magenta (38%)

Yellow (49%)

Black (26%)



Cyan (26%)

Magenta (54%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12416352 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 12416352 by changing the saturation by 10% instead.



 12416352

 12416352

16777215

 10509384

 16296595

 8668209

 16762285

 6892572

 16769481

 5182724

 16776933

 3407872

 1507328

 0

 12416352

 12416352

 12412493

 12420211

12408890

12423814

12405031

12427673

12401172

12431532

12397569

12435135

12397312

12438993

12442596

12446455

12450303

# Harmonies

## Analogous

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



12742524



12416352



11173709

# Triad

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



12416352



4560500



7243459

# Complementary

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



12416352



6334653

# 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.



3313857



12416352



39059

# Square

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



12416352



7180633



38575



10124213

# Rectangle

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



12416352



10061386



38575



6064836

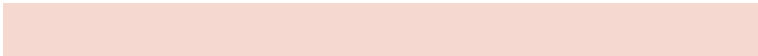


# Sweetspot

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



12416352



16111824



12411049



8022372



16448250



8026746



# Same Dimension

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



12416352



16090468



12428128



6182741



10363904



2033408



# Inverse Universe

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



6334653



6608117



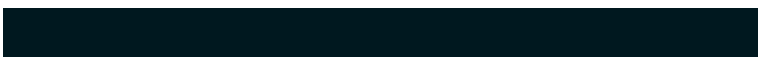
6322877



5594206



31390



6175



# Previews

## White Background



This preview shows how the Decimal color 12416352 looks on a white background.

## Color Contrast Check

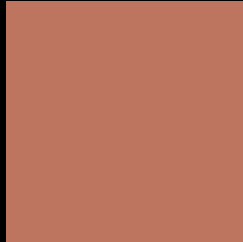
Large Text (above 18pt) WCAG AA ✓ Pass

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 12416352 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

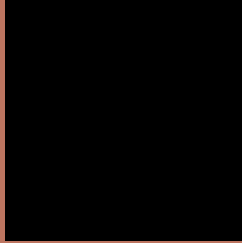
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12416352 Background



This preview shows how black text looks on a background with the Decimal color 12416352.




This preview shows how white text looks on a background with the Decimal color 12416352.

# 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**  
12546426

# Trichromacy



**Original Color**  
12416352

**Protanomaly**  
10584421

**Deuteranomaly**  
11304287

**Tritanomaly**  
12481137

# Monochromacy



**Original Color**  
12416352

**Achromatopsia**  
8947848

**Achromatomaly**  
10191225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12416352 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 #BD7560 looks like.

```
.text, #text, p{  
  color:#BD7560  
}
```

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 #BD7560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7560
}
```

## Border

The CSS property to change the border of an element to Decimal 12416352 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
#BD7560 }
```

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

```
.border{ border-color:#BD7560 }
```

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

Here you see how a box with a 4 pixel #BD7560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7560; -webkit-box-shadow:4px 4px  
4px 4px #BD7560; box-shadow:4px 4px 4px  
4px #BD7560 }
```

# Background

The CSS property to change the background color of an element to Decimal 12416352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7560 }
```

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

```
.background{ background-color:#BD7560 }
```

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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