

# Converting Colors

Decimal(12416805)

Have a look what the booklet for  
Decimal(12416805) contains.

<b>Decimal(12416805)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12416805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD7725
RGB	189, 119, 37
RGB Percent	74%, 47%, 15%
CMY	0.2588, 0.5333, 0.8549
CMYK	0.00, 0.37, 0.80, 0.26
HSL	32°, 67%, 44%
HSV	32°, 80%, 74%
XYZ	27.9170, 24.1460, 4.9395
YIQ	130.5820, 68.0420, -10.6620

# Conversions

## Conversions Part 2

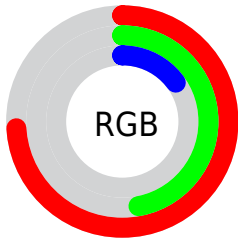
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 189, 37
Decimal	12416805
CIE Lab	56.23, 21.01, 53.21
CIE LCh	56, 57.209, 68.452
Yxy	24.1460, 0.4898, 0.4236
Android (android.graphics.Color)	4290606885 (0xFFBD7725)
YUV	130.5820, -46.1359, 51.2326
Hunter-Lab	49.1386, 15.4182, 28.4371

# Details

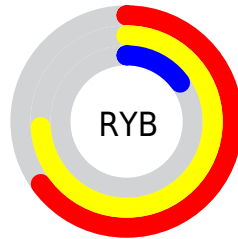
The Decimal color **12416805** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2452413**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **16427865**, and **8537600** is the 20% darker color. If you saturate the color by 10%, you get **12414482**, and if you desaturate by 10%, it is **12419128**.

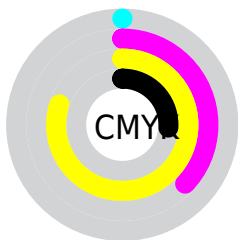
# Distribution



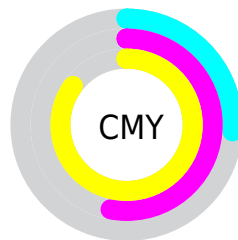
- Red (74%)
- Green (47%)
- Blue (15%)



- Red (65%)
- Yellow (74%)
- Blue (15%)



- Cyan (0%)
- Magenta (37%)
- Yellow (80%)
- Black (26%)




















- Cyan (26%)
- Magenta (53%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12416805 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 12416805 by changing the saturation by 10% instead.



 12416805	 12416805
16777215	 10444293
 16427865	 8537600
 16762739	 6696704
 16769933	 4856320
 16777128	 3081216
 16777156	 786432
 16777185	 0
16777214	
 12416805	 12416805

■ 12414482

■ 12419128

■ 12412416

■ 12421195

■ 12423518

■ 12425841

■ 12428164

■ 12430230

■ 12432553

■ 12434876

■ 12436943

# Harmonies

## Analogous

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



14246731



12416805



9668885

# Triad

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



12416805



40852



10187733

# Complementary

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



12416805



2452413

# 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.



3246314



12416805



40388

# Square

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



12416805



40032



38627



13459372

# Rectangle

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



12416805



7442982



38627



8551391



# Sweetspot

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



12416805



16112314



12395884



8022615



16448250



8026746



# Same Dimension

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



12416805



16090887



12107045



6183509



10376448



2035968



# Inverse Universe

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



2452413



488949



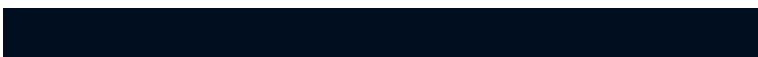
2762173



5593438



18846



3615



# Previews

## White Background



This preview shows how the Decimal color 12416805 looks on a white background.

## Color Contrast Check

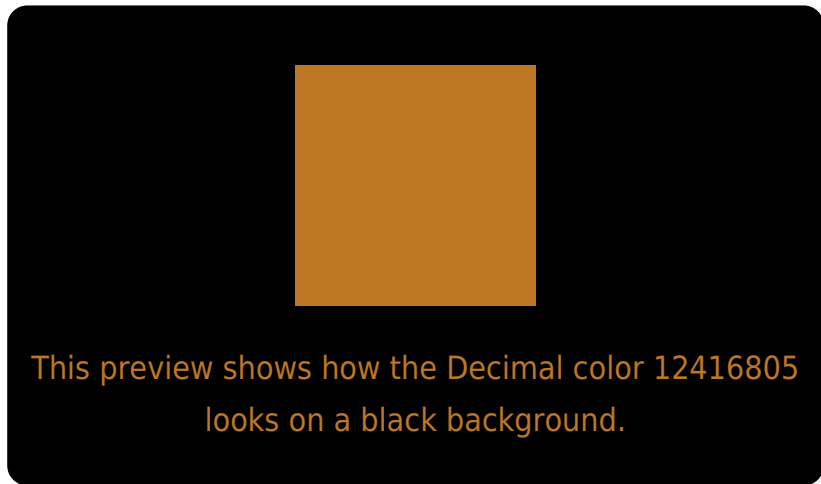
Large Text (above 18pt) WCAG AA ✓ Pass

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 12416805 Background



This preview shows how black text looks on a background with the Decimal color 12416805.



This preview shows how white text looks on a background with the Decimal color 12416805.

# 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**  
12416805

**Protanopia**  
9996329

**Deuteranopia**  
11173921



**Tritanopia**  
12676983

# Trichromacy



**Original Color**  
12416805

**Protanomaly**  
10846760

**Deuteranomaly**  
11631906

**Tritanomaly**  
12612185

# Monochromacy



**Original Color**  
12416805

**Achromatopsia**  
8618883

**Achromatomaly**  
9994081

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12416805 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 #BD7725 looks like.

```
.text, #text, p{  
    color:#BD7725  
}
```

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 #BD7725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7725
}
```

## Border

The CSS property to change the border of an element to Decimal 12416805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

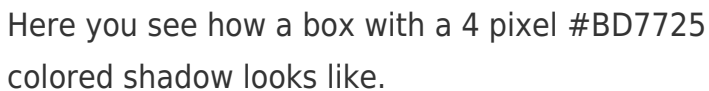
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD7725 }
```

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

```
.border{ border-color:#BD7725 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BD7725 colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #BD7725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7725; -webkit-box-shadow:4px 4px  
4px 4px #BD7725; box-shadow:4px 4px 4px  
4px #BD7725 }
```

# Background

The CSS property to change the background color of an element to Decimal 12416805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7725 }
```

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

```
.background{ background-color:#BD7725 }
```

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