

# Converting Colors

Decimal(12413790)

Have a look what the booklet for  
Decimal(12413790) contains.

<b>Decimal(12413790)</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(12413790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD6B5E
RGB	189, 107, 94
RGB Percent	74%, 42%, 37%
CMY	0.2588, 0.5804, 0.6314
CMYK	0.00, 0.43, 0.50, 0.26
HSL	8°, 42%, 55%
HSV	8°, 50%, 74%
XYZ	28.2643, 22.1424, 13.3739
YIQ	130.0360, 53.0450, 13.3410

# Conversions

## Conversions Part 2

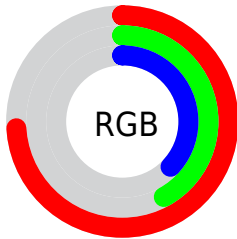
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 109, 94
Decimal	12413790
CIE Lab	54.18, 31.25, 21.58
CIE LCh	54, 37.973, 34.629
Yxy	22.1424, 0.4431, 0.3472
Android (android.graphics.Color)	4290603870 (0xFFBD6B5E)
YUV	130.0360, -17.7657, 51.7114
Hunter-Lab	47.0557, 24.8699, 16.0879

# Details

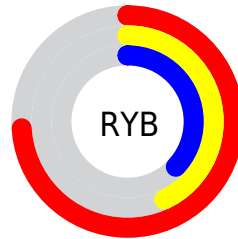
The Decimal color **12413790** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6205629**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16294032**, and **8665648** is the 20% darker color. If you saturate the color by 10%, you get **12409675**, and if you desaturate by 10%, it is **12417905**.

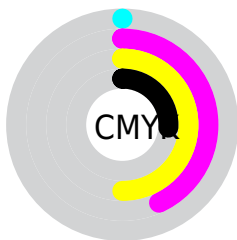
# Distribution



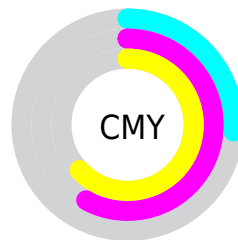
- Red (74%)
- Green (42%)
- Blue (37%)



- Red (74%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (43%)
- Yellow (50%)
- Black (26%)



- Cyan (26%)
- Magenta (58%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12413790 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 12413790 by changing the saturation by 10% instead.



 12413790

 12413790

16777215

 10506822

 16294032

 8665648

 16759723

 6824475

 16766918

 5113601

 16774370

 3342336

 983040

 0

 12413790

 12413790

 12409675

 12417905

 12405304

 12422276

 12401189

 12426391

 12397074

 12430506

 12392960

 12434877

 12438991

 12443106

 12447477

 12451583

# Harmonies

## Analogous

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



12543614



12413790



11302471

# Triad

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



12413790



4427876



5604291

# Complementary

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



12413790



6205629

# 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.



36028



12413790



37510

# Square

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



12413790



7244362



37286



9140152

# Rectangle

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



12413790



10190399



37286



4032450



# Sweetspot

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



12413790



16111056



12410544



8021860



16448250



8026746



# Same Dimension

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



12413790



16086626



12425822



6182485



10360320



2032640



# Inverse Universe

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



6205629



6480373



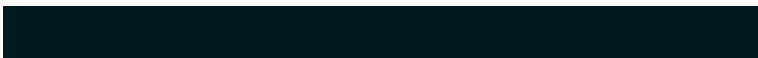
6193597



5594462



34974



6687



# Previews

## White Background



This preview shows how the Decimal color 12413790 looks on a white background.

## Color Contrast Check

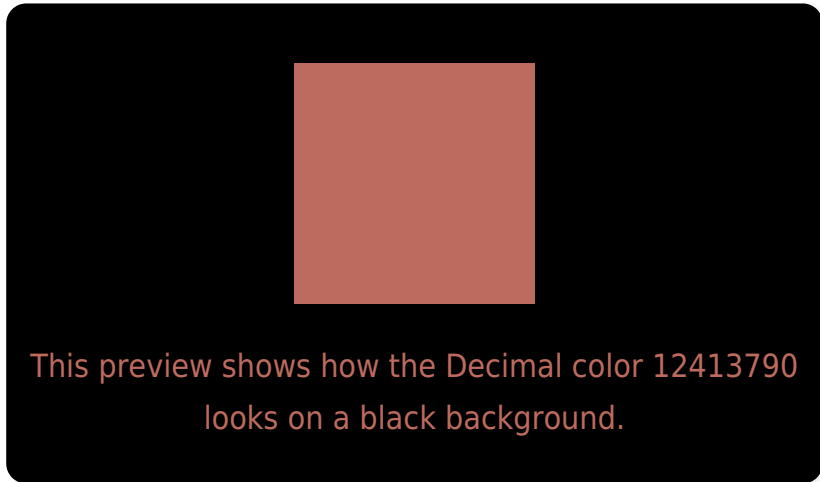
Large Text (above 18pt) WCAG AA ✓ Pass

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 12413790 Background



This preview shows how black text looks on a background with the Decimal color 12413790.



This preview shows how white text looks on a background with the Decimal color 12413790.

# 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**  
12478576

# Trichromacy



**Original Color**  
12413790

**Protanomaly**  
10320484

**Deuteranomaly**  
10974812

**Tritanomaly**  
12478825

# Monochromacy



**Original Color**  
12413790

**Achromatopsia**  
8553090

**Achromatomaly**  
9927285

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12413790 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 #BD6B5E looks like.

```
.text, #text, p{  
  color:#BD6B5E  
}
```

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 #BD6B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6B5E
}
```

## Border

The CSS property to change the border of an element to Decimal 12413790 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".

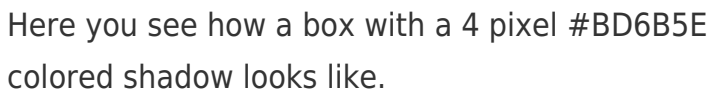
```
.border, #border, table{ border:4px solid
#BD6B5E }
```

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

```
.border{ border-color:#BD6B5E }
```

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

Here you see how a box with a 4 pixel #BD6B5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6B5E; -webkit-box-shadow:4px 4px  
4px 4px #BD6B5E; box-shadow:4px 4px 4px  
4px #BD6B5E }
```

# Background

The CSS property to change the background color of an element to Decimal 12413790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6B5E }
```

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

```
.background{ background-color:#BD6B5E }
```

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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