

# Converting Colors

Decimal(12412189)

Have a look what the booklet for  
Decimal(12412189) contains.

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# Color

**Decimal(12412189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD651D
RGB	189, 101, 29
RGB Percent	74%, 40%, 11%
CMY	0.2588, 0.6039, 0.8863
CMYK	0.00, 0.47, 0.85, 0.26
HSL	27°, 73%, 43%
HSV	27°, 85%, 74%
XYZ	25.8617, 20.2149, 3.7012
YIQ	119.1040, 75.5600, -3.7360

# Conversions

## Conversions Part 2

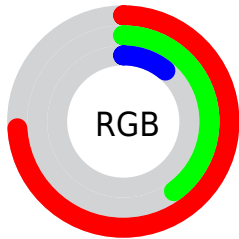
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 160, 29
Decimal	12412189
CIE Lab	52.08, 30.55, 52.59
CIE LCh	52, 60.822, 59.845
Yxy	20.2149, 0.5195, 0.4061
Android (android.graphics.Color)	4290602269 (0xFFBD651D)
YUV	119.1040, -44.4213, 61.2988
Hunter-Lab	44.9610, 23.9922, 26.5919

# Details

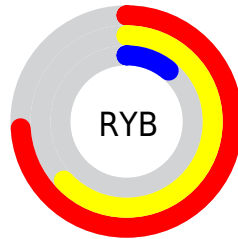
The Decimal color **12412189** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1930685**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **16488784**, and **8467456** is the 20% darker color. If you saturate the color by 10%, you get **12409610**, and if you desaturate by 10%, it is **12414768**.

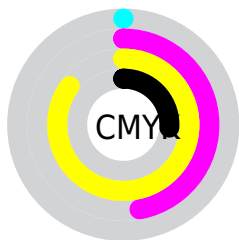
# Distribution



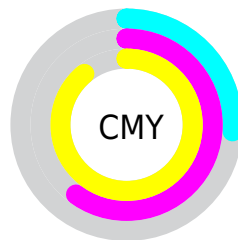
- Red (74%)
- Green (40%)
- Blue (11%)



- Red (74%)
- Yellow (63%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (85%)
- Black (26%)





















- Cyan (26%)
- Magenta (60%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12412189 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 12412189 by changing the saturation by 10% instead.



 12412189	 12412189
 16777215	 10439680
 16488784	 8467456
 16757866	 6561024
 16765060	 4719360
 16772255	 3080192
 16777147	 0
 16777175	
 16777204	
 12412189	 12412189

■ 12409610

■ 12414768

■ 12408064

■ 12417603

■ 12420182

■ 12423017

■ 12425596

■ 12428174

■ 12431009

■ 12433588

■ 12436423

# Harmonies

## Analogous

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



13979468



12412189



9796096

# Triad

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



12412189



38010



7958231

# Complementary

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



12412189



1930685

# 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.



33765



12412189



38063

# Square

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



12412189



36933



36822



12211889

# Rectangle

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



12412189



7635968



36822



5600991



# Sweetspot

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



12412189



16110520



12393845



8021590



16448250



8026746



# Same Dimension

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



12412189



16084480



12432669



6183253



10372864



2035200



# Inverse Universe

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



1930685



34805



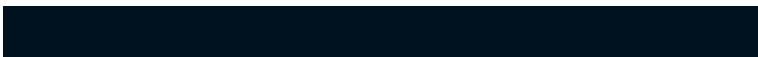
1910205



5593694



22430



4383



# Previews

## White Background



This preview shows how the Decimal color 12412189 looks on a white background.

## Color Contrast Check

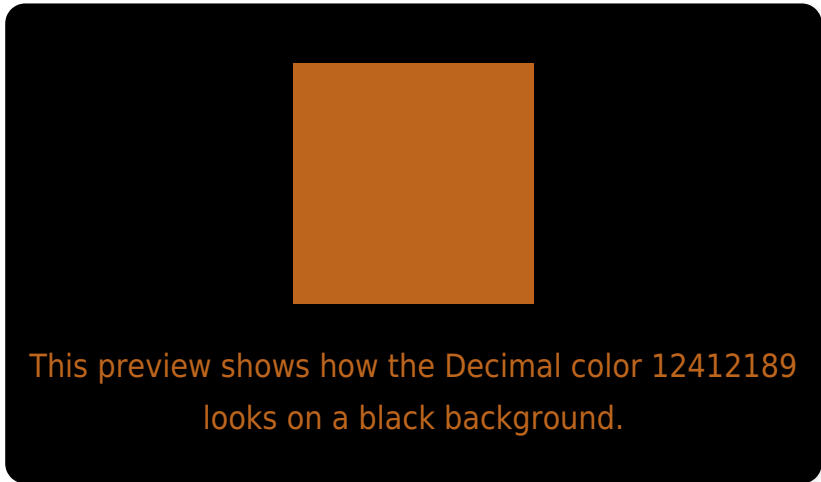
Large Text (above 18pt) WCAG AA ✓ Pass

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 12412189 Background



This preview shows how black text looks on a background with the Decimal color 12412189.



This preview shows how white text looks on a background with the Decimal color 12412189.

# 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**

12412189

**Protanopia**

9207075

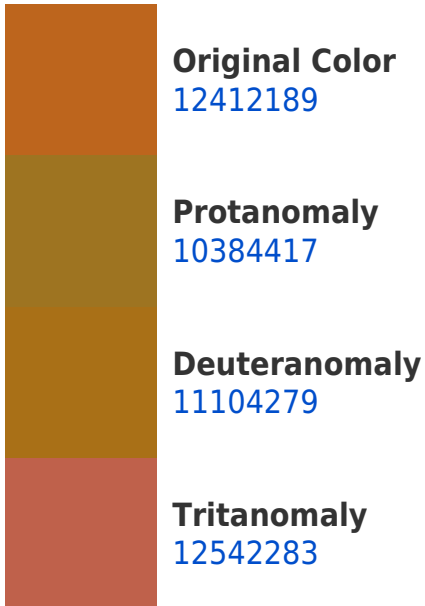
**Deuteranopia**

10319379

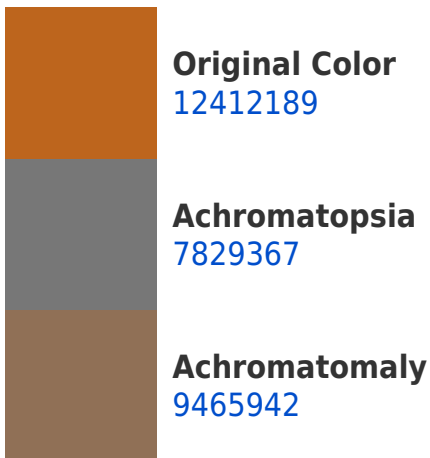


**Tritanopia**  
12607077

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12412189 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 #BD651D looks like.

```
.text, #text, p{  
    color:#BD651D  
}
```

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 #BD651D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD651D
}
```

## Border

The CSS property to change the border of an element to Decimal 12412189 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
#BD651D }
```

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

```
.border{ border-color:#BD651D }
```

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

Here you see how a box with a 4 pixel #BD651D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD651D; -webkit-box-shadow:4px 4px  
4px 4px #BD651D; box-shadow:4px 4px 4px  
4px #BD651D }
```

# Background

The CSS property to change the background color of an element to Decimal 12412189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD651D }
```

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

```
.background{ background-color:#BD651D }
```

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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