

# Converting Colors

Decimal(12414996)

Have a look what the booklet for  
Decimal(12414996) contains.

<b>Decimal(12414996)</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(12414996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD7014
RGB	189, 112, 20
RGB Percent	74%, 44%, 8%
CMY	0.2588, 0.5608, 0.9216
CMYK	0.00, 0.41, 0.89, 0.26
HSL	33°, 81%, 41%
HSV	33°, 89%, 74%
XYZ	26.9067, 22.4577, 3.5784
YIQ	124.5350, 75.4240, -12.2880

# Conversions

## Conversions Part 2

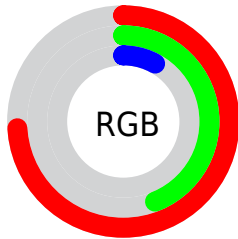
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 189, 20
Decimal	12414996
CIE <sub>Lab</sub>	54.51, 24.39, 57.50
CIE <sub>LCh</sub>	55, 62.461, 67.020
Yxy	22.4577, 0.5082, 0.4242
Android (android.graphics.Color)	4290605076 (0xFFBD7014)
YUV	124.5350, -51.5358, 56.5358
Hunter-Lab	47.3895, 18.4166, 28.6956

# Details

The Decimal color **12414996** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **1335741**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16426059**, and **8535808** is the 20% darker color. If you saturate the color by 10%, you get **12412673**, and if you desaturate by 10%, it is **12417319**.

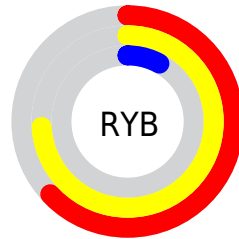
# Distribution



Red (74%)

Green (44%)

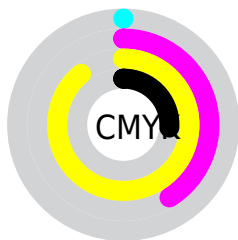
Blue (8%)



Red (63%)

Yellow (74%)

Blue (8%)

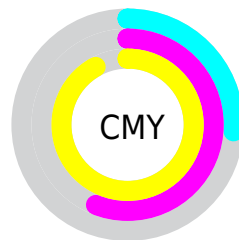


Cyan (0%)

Magenta (41%)

Yellow (89%)

Black (26%)



Cyan (26%)

Magenta (56%)



















Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12414996 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 12414996 by changing the saturation by 10% instead.



 12414996	 12414996
16777215	 10442496
 16426059	 8535808
 16760677	 6564096
 16767872	 4723200
 16775323	 3014656
 16777143	 131072
 16777171	 0
 16777200	
 12414996	 12414996

■ 12412673

■ 12417319

■ 12412672

■ 12419386

■ 12421709

■ 12423776

■ 12426098

■ 12428421

■ 12430488

■ 12432811

■ 12435134

# Harmonies

## Analogous

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



14374980



12414996



9536512

# Triad

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



12414996



39822



9727705

# Complementary

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



12414996



1335741

# 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.



34286



12414996



39618

# Square

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



12414996



38998



37862



13391278

# Rectangle

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



12414996



7114254



37862



7763683



# Sweetspot

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



12414996



16111539



12391523



8022355



16448250



8026746



# Same Dimension

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



12414996



16090368



12041492



6183509



10376704



2035968



# Inverse Universe

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



1335741



28917



1709245



5593438



18590



3615



# Previews

## White Background



This preview shows how the Decimal color 12414996 looks on a white background.

## Color Contrast Check

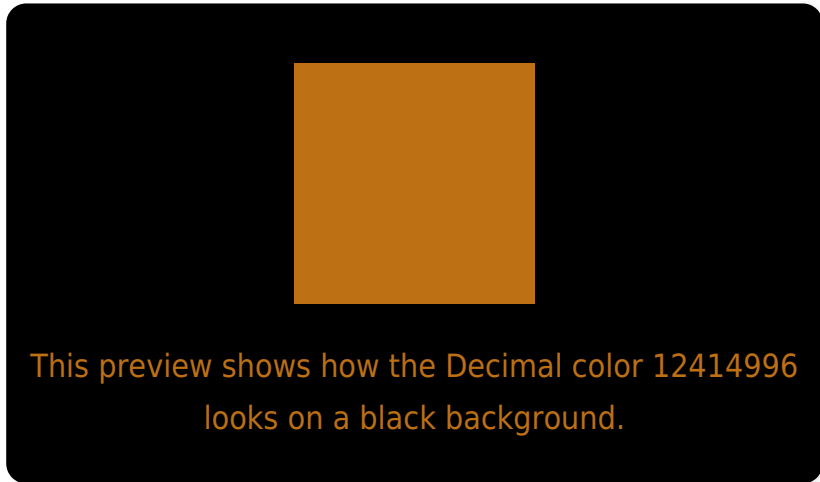
Large Text (above 18pt) WCAG AA ✓ Pass

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 12414996 Background



This preview shows how black text looks on a background with the Decimal color 12414996.



This preview shows how white text looks on a background with the Decimal color 12414996.

# 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**  
12414996

**Protanopia**  
9667353

**Deuteranopia**  
10910723

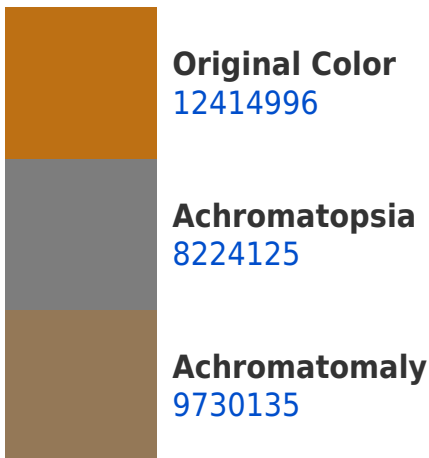


**Tritanopia**  
12675184

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12414996 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 #BD7014 looks like.

```
.text, #text, p{  
  color:#BD7014  
}
```

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 #BD7014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7014
}
```

## Border

The CSS property to change the border of an element to Decimal 12414996 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
#BD7014 }
```

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

```
.border{ border-color:#BD7014 }
```

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

Here you see how a box with a 4 pixel #BD7014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7014; -webkit-box-shadow:4px 4px  
4px 4px #BD7014; box-shadow:4px 4px 4px  
4px #BD7014 }
```

# Background

The CSS property to change the background color of an element to Decimal 12414996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7014 }
```

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

```
.background{ background-color:#BD7014 }
```

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