

# Converting Colors

Decimal(12429930)

Have a look what the booklet for  
Decimal(12429930) contains.

<b>Decimal(12429930)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(12429930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDAA6A
RGB	189, 170, 106
RGB Percent	74%, 67%, 42%
CMY	0.2588, 0.3333, 0.5843
CMYK	0.00, 0.10, 0.44, 0.26
HSL	46°, 39%, 58%
HSV	46°, 44%, 74%
XYZ	37.9625, 40.6089, 19.4731
YIQ	168.3850, 31.8680, -15.8760

# Conversions

## Conversions Part 2

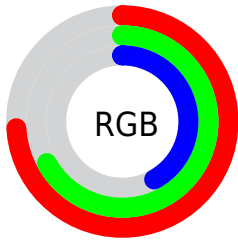
Format	Color
<a href="#">RYB</a>	<a href="#">131, 189, 106</a>
Decimal	<a href="#">12429930</a>
CIELab	<a href="#">69.90, -2.04, 35.42</a>
CIELCh	<a href="#">70, 35.482, 93.299</a>
Yxy	<a href="#">40.6089, 0.3872, 0.4142</a>
Android (android.graphics.Color)	<a href="#">4290620010 (0xFFBDAA6A)</a>
YUV	<a href="#">168.3850, -30.7558, 18.0794</a>
Hunter-Lab	<a href="#">63.7251, -5.1823, 26.4897</a>

# Details

The Decimal color **12429930** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6979005**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16245150**, and **8812089** is the 20% darker color. If you saturate the color by 10%, you get **12428887**, and if you desaturate by 10%, it is **12430973**.

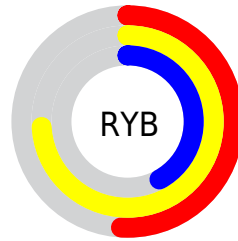
# Distribution



Red (74%)

Green (67%)

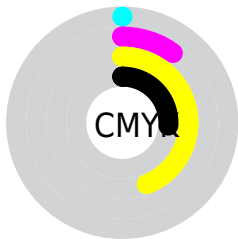
Blue (42%)



Red (51%)

Yellow (74%)

Blue (42%)

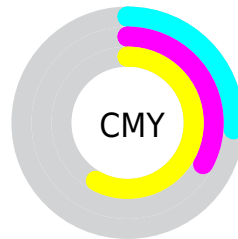


Cyan (0%)

Magenta (10%)

Yellow (44%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12429930 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 12429930 by changing the saturation by 10% instead.



 12429930

 12429930

16777215

 10588241

 16245150

 8812089

 16776889

 7101985

 16777173

 5391880

 16777202

 3813376

 2169600

 0

 12429930

 12429930

 12428887

 12430973

■ 12427588

■ 12432272

■ 12426545

■ 12433315

■ 12425502

■ 12434358

■ 12424204

■ 12435657

■ 12423680

■ 12436699

■ 12437742

■ 12439039

■ 12440063

# Harmonies

## Analogous

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



14196594



12429930



10204020

# Triad

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



12429930



3193805



14129096

# Complementary

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



12429930



6979005

# 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.



11772385



12429930



5224164

# Square

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



12429930



4963501



8629739



15241896

# Rectangle

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



12429930



8501379



8629739



13474514

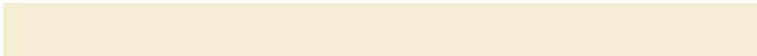


# Sweetspot

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



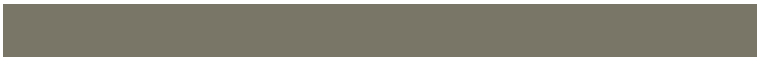
12429930



16117461



12413565



8025703



16448250



8026746



# Same Dimension

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



12429930



16111475



10993002



6184021



10385920



2037760



# Inverse Universe

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



6979005



7574005



8415933



5592926



9374



1823



# Previews

## White Background



This preview shows how the Decimal color 12429930 looks on a white background.

## Color Contrast Check

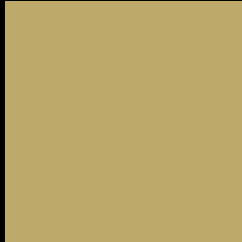
Large Text (above 18pt) WCAG AA × Fail

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 12429930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

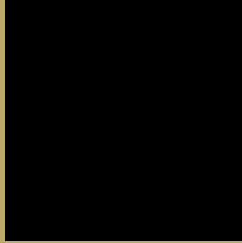
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12429930 Background



This preview shows how black text looks on a background with the Decimal color 12429930.



This preview shows how white text looks on a background with the Decimal color 12429930.

# 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**  
12429930

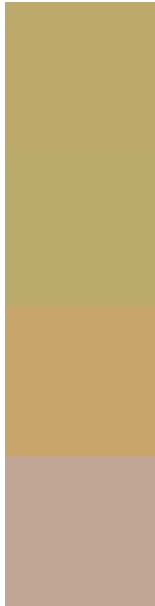
**Protanopia**  
12233578

**Deuteranopia**  
13542251



**Tritanopia**  
12886702

# Trichromacy



**Original Color**  
12429930

**Protanomaly**  
12299114

**Deuteranomaly**  
13149803

**Tritanomaly**  
12690837

# Monochromacy



**Original Color**  
12429930

**Achromatopsia**  
11053224

**Achromatomaly**  
11577745

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12429930 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 #BDAA6A looks like.

```
.text, #text, p{  
  color:#BDAA6A  
}
```

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 #BDAA6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDAA6A
}
```

## Border

The CSS property to change the border of an element to Decimal 12429930 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
#BDAA6A }
```

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

```
.border{ border-color:#BDAA6A }
```

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

Here you see how a box with a 4 pixel #BDAA6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDAA6A; -webkit-box-shadow:4px 4px  
4px 4px #BDAA6A; box-shadow:4px 4px 4px  
4px #BDAA6A }
```

# Background

The CSS property to change the background color of an element to Decimal 12429930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDAA6A }
```

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

```
.background{ background-color:#BDAA6A }
```

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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