

# Converting Colors

Decimal(12430689)

Have a look what the booklet for  
Decimal(12430689) contains.

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# **Color**

**Decimal(12430689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDAD61
RGB	189, 173, 97
RGB Percent	74%, 68%, 38%
CMY	0.2588, 0.3216, 0.6196
CMYK	0.00, 0.08, 0.49, 0.26
HSL	50°, 41%, 56%
HSV	50°, 49%, 74%
XYZ	38.0875, 41.5690, 17.3255
YIQ	169.1200, 33.9320, -20.2440

# Conversions

## Conversions Part 2

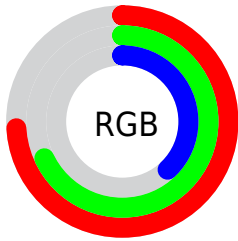
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 189, 97
Decimal	12430689
CIELab	70.57, -4.53, 40.89
CIELCh	71, 41.137, 96.327
Yxy	41.5690, 0.3927, 0.4286
Android (android.graphics.Color)	4290620769 (0xFFBDAD61)
YUV	169.1200, -35.5552, 17.4348
Hunter-Lab	64.4740, -7.3822, 29.1994

# Details

The Decimal color **12430689** is a light color, and the websafe version is hex **999933**. A complement of this color would be **6386109**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16245909**, and **8812848** is the 20% darker color. If you saturate the color by 10%, you get **12429902**, and if you desaturate by 10%, it is **12431476**.

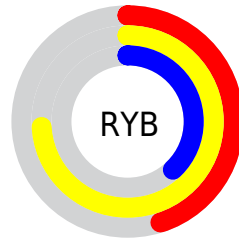
# Distribution



Red (74%)

Green (68%)

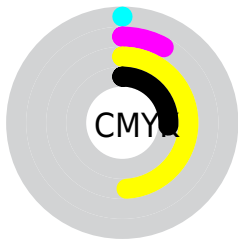
Blue (38%)



Red (45%)

Yellow (74%)

Blue (38%)

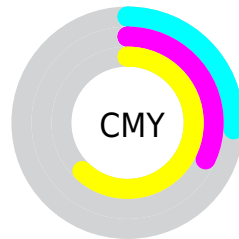


Cyan (0%)

Magenta (8%)

Yellow (49%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12430689 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 12430689 by changing the saturation by 10% instead.



 12430689

 12430689

16777215

 10589000

 16245909

 8812848

 16777136

 7036951

 16777164

 5327104

 16777193

 3748352

 2104832

 1024

 0

 12430689

 12430689

12429902

12431476

12428859

12432519

12428072

12433306

12427285

12434093

12426498

12434880

12426240

12435922

12436709

12437496

12438527

# Harmonies

## Analogous

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



14524521



12430689



9811823

# Triad

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



12430689



49112



14849227

# Complementary

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



12430689



6386109

# 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.



12296425



12430689



3521008

# Square

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



12430689



2408628



8564471



16027558

# Rectangle

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



12430689



7847042



8564471



14129111



# Sweetspot

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



12430689



16117456



12411250



8025956



16448250



8026746



# Same Dimension

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



12430689



16112743



10534241



6184277



10388224



2038016



# Inverse Universe

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



6386109



6783221



8282557



5592926



7070



1311



# Previews

## White Background



This preview shows how the Decimal color 12430689 looks on a white background.

## Color Contrast Check

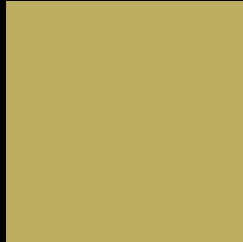
Large Text (above 18pt) WCAG AA × Fail

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 12430689 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 12430689 Background



This preview shows how black text looks on a background with the Decimal color 12430689.

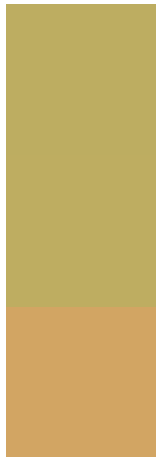


This preview shows how white text looks on a background with the Decimal color 12430689.

# 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**  
12430689

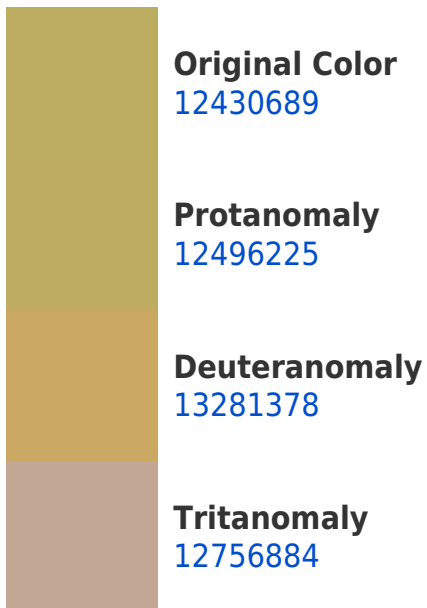
**Protanopia**  
12496225

**Deuteranopia**  
13804899



**Tritanopia**  
12952753

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12430689 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 #BDAD61 looks like.

```
.text, #text, p{  
    color:#BDAD61  
}
```

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 #BDAD61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDAD61  
}
```

## Border

The CSS property to change the border of an element to Decimal 12430689 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  
#BDAD61 }
```

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

```
.border{ border-color:#BDAD61 }
```

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

Here you see how a box with a 4 pixel #BDAD61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDAD61; -webkit-box-shadow:4px 4px  
4px 4px #BDAD61; box-shadow:4px 4px 4px  
4px #BDAD61 }
```

# Background

The CSS property to change the background color of an element to Decimal 12430689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDAD61 }
```

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

```
.background{ background-color:#BDAD61 }
```

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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