

# Converting Colors

Decimal(12631389)

Have a look what the booklet for  
Decimal(12631389) contains.

<b>Decimal(12631389)</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(12631389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0BD5D
RGB	192, 189, 93
RGB Percent	75%, 74%, 36%
CMY	0.2471, 0.2588, 0.6353
CMYK	0.00, 0.02, 0.52, 0.25
HSL	58°, 44%, 56%
HSV	58°, 52%, 75%
XYZ	41.9116, 48.3920, 17.4875
YIQ	178.9530, 32.6040, -29.2200

# Conversions

## Conversions Part 2

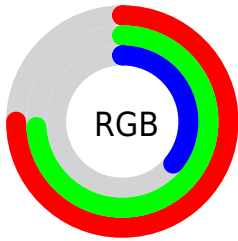
Format	Color
<a href="#">RYB</a>	<a href="#">96, 192, 93</a>
Decimal	<a href="#">12631389</a>
CIELab	<a href="#">75.07, -11.98, 48.31</a>
CIELCh	<a href="#">75, 49.769, 103.927</a>
Yxy	<a href="#">48.3920, 0.3888, 0.4489</a>
Android (android.graphics.Color)	<a href="#">4290821469 (0xFFC0BD5D)</a>
YUV	<a href="#">178.9530, -42.3748, 11.4422</a>
Hunter-Lab	<a href="#">69.5643, -14.1937, 33.7903</a>

# Details

The Decimal color **12631389** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **6119616**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16446866**, and **8947754** is the 20% darker color. If you saturate the color by 10%, you get **12631114**, and if you desaturate by 10%, it is **12631664**.

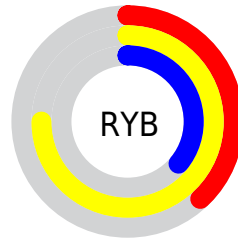
# Distribution



Red (75%)

Green (74%)

Blue (36%)



Red (38%)

Yellow (75%)

Blue (36%)

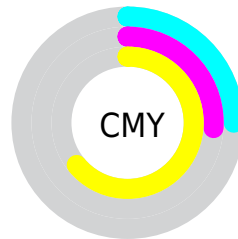


Cyan (0%)

Magenta (2%)

Yellow (52%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12631389 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 12631389 by changing the saturation by 10% instead.





12631389



12631389

16777215



10789443



16446866



8947754



16777133



7171852



16777161



5461504



16777190



3817216



2173440



5632



0



12631389



12631389

12631114

12631664

12631095

12631683

12630819

12631959

12630800

12631978

12630528

12632253

12632272

12632547

12632823

12632831

# Harmonies

## Analogous

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



15380064



12631389



9291893

# Triad

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



12631389



52727



16750291

# Complementary

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



12631389



6119616

# 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.



14198267



12631389



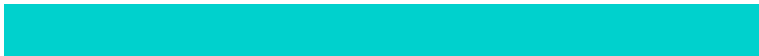
1885695

# Square

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



12631389



53709



9811711



16749477

# Rectangle

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



12631389



6540687



9811711



16227042

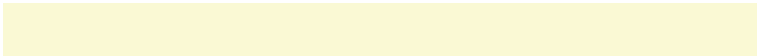


# Sweetspot

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



12631389



16447956



12606816



8223846



16579836



8224125



# Same Dimension

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



12631389



16446815



9617501



6381911



10591232



2170880



# Inverse Universe

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



6119616



6251770



9133504



5724257



1441



289



# Previews

## White Background



This preview shows how the Decimal color 12631389 looks on a white background.

## Color Contrast Check

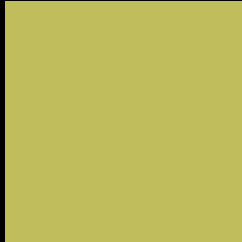
Large Text (above 18pt) WCAG AA × Fail

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 12631389 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 12631389 Background



This preview shows how black text looks on a background with the Decimal color 12631389.

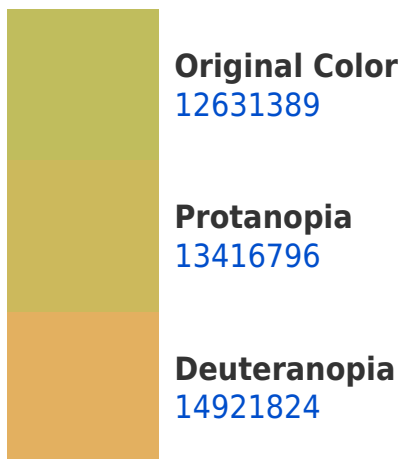


This preview shows how white text looks on a background with the Decimal color 12631389.

# 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](#).

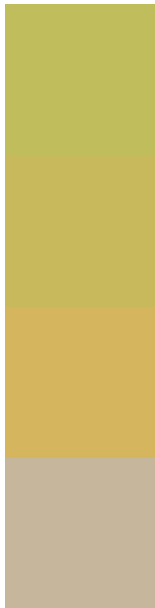
## Dichromacy





**Tritanopia**  
13284032

# Trichromacy



**Original Color**  
12631389

**Protanomaly**  
13154908

**Deuteranomaly**  
14071135

**Tritanomaly**  
13022876

# Monochromacy



**Original Color**  
12631389

**Achromatopsia**  
11776947

**Achromatomaly**  
12105620

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12631389 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 #C0BD5D looks like.

```
.text, #text, p{  
    color:#C0BD5D  
}
```

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 #C0BD5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0BD5D
}
```

## Border

The CSS property to change the border of an element to Decimal 12631389 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
#C0BD5D }
```

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

```
.border{ border-color:#C0BD5D }
```

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

Here you see how a box with a 4 pixel #C0BD5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0BD5D; -webkit-box-shadow:4px 4px  
4px 4px #C0BD5D; box-shadow:4px 4px 4px  
4px #C0BD5D }
```

# Background

The CSS property to change the background color of an element to Decimal 12631389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0BD5D }
```

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

```
.background{ background-color:#C0BD5D }
```

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